



handwheels



levelling feet - non tilt

COMPONENTS CATALOGUE



rubber feet - caps and buffers

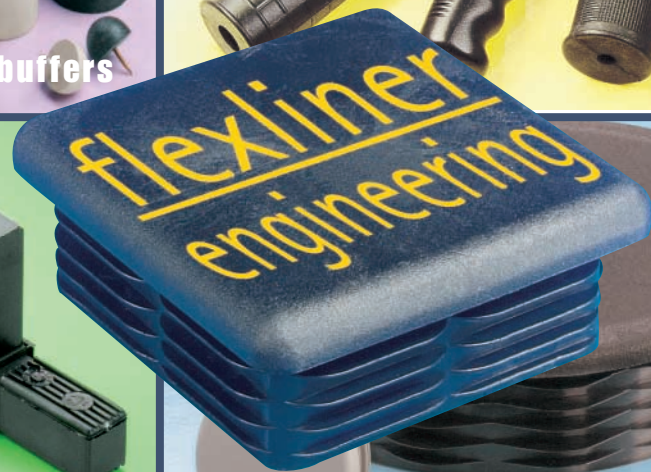


handles



9/09

square tube "plug in" connectors



round tube inserts

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SEPTEMBER 2009 CATALOGUE

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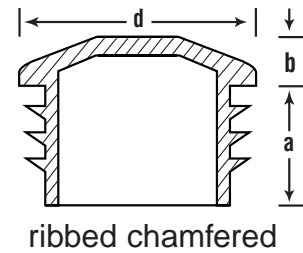
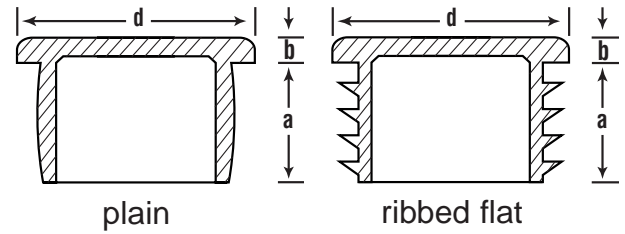
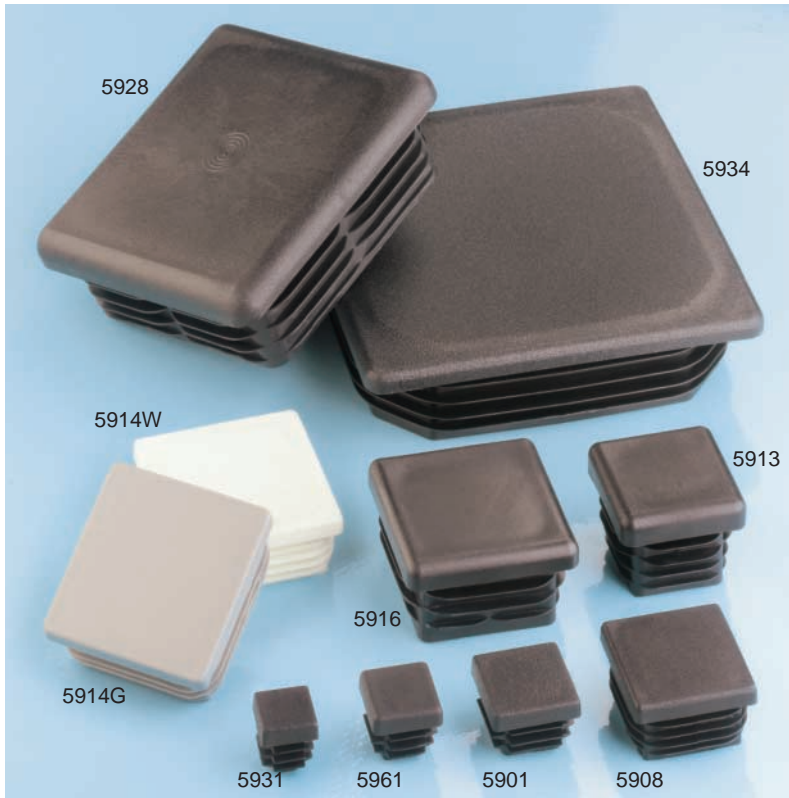
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SQUARE tube inserts

flexlinerTM
engineering
Quality components

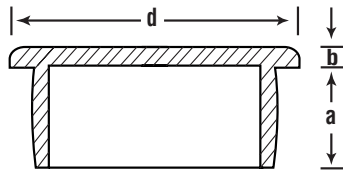


PART NUMBER	TUBE size d (inches) X wall thickness	TUBE size d (mm) X wall thickness	Shank length a (mm)	Head b (mm)	Ribbed or Plain	Weight (grams)
new SQiR-5931		16 x 16 x 1.0 - 2.5	11.5	5.0	rib	2
new SQiR-5932	3/4"x 3/4"x 18/10g	19 x 19 x 1.2 - 2.9	12.8	4.8	rib	3
SQiR-5961		20 x 20 x 0.8 - 3.0	11.5	5.0	rib	3
SQiR-5962		22 x 22 x 1.0 - 3.5	11.5	5.0	rib	3
SQiR-5901**		25 x 25 x 1.0 - 3.0	11.5	5.0	rib	4
new SQiR-5917	1"x 1"x 18/10g	25.4 x 25.4 x 1.2 - 3.2	11.5	5.0	rib	4
SQiR-5904		30 x 30 x 1.0 - 2.5	11.5	5.0	rib	5
SQiR-5906	1 1/4"x 1 1/4"x 20/10g	32 x 32 x 1.0 - 3.5	11.5	5.0	rib	6
SQiR-5903		35 x 35 x 1.0 - 3.0	14.5	5.0	rib	7
SQiR-5913	1 1/2"x 1 1/2"x 18/10g	38.1 x 38.1 x 1.25 - 3.0	20.5	8.0	rib	15
SQiR-5975		40 x 40 x 1.0 - 3.0	13.0	4.5	rib	10
SQiR-5905		40 x 40 x 2.6 - 4.0	18.0	6.5	rib	12
SQiR-5911		45 x 45 x 1.0 - 3.0	19.0	5.0	rib	10
SQiR-5914**		50 x 50 x 0.8 - 2.5	14.5	5.0	rib	10
SQiR-5907		50 x 50 x 3.2 - 5.0	20.0	7.0	rib	20
SQiR-5916	2" x 2" x 16/10g	50.8 x 50.8 x 1.6 - 3.2	20.5	7.0	rib	22
SQiR-5912		60 x 60 x 1.5 - 3.5	23.5	5.0	rib	23
SQiR-5908		60 x 60 x 3.2 - 5.0	20.0	7.0	rib	30
SQiR-5909		65 x 65 x 2.0 - 4.5	21.0	5.0	rib	27
SQiR-5910		70 x 70 x 3.6 - 5.0	20.0	8.0	rib	40
SQiR-5919		75 x 75 x 2.0 - 4.5	21.0	6.0	rib	32
SQiR-5924		80 x 80 x 2.0 - 4.0	25.0	8.5	rib	40
SQiR-5925		90 x 90 x 2.0 - 5.0	22.0	7.0	rib	50
SQiR-5926		90 x 90 x 3.6 - 6.3	25.0	9.0	rib	75
SQiR-5927		100 x 100 x 1.0 - 4.0	24.0	7.0	rib	85
SQiR-5928		100 x 100 x 4.0 - 6.3	25.0	9.5	rib	100
SQiR-5934		125 x 125 x 4.0 - 7.0	24.5	6.0	rib	105
SQiR-5930		150 x 150 x 5.0 - 8.0	27.0	8.0	plain	170
SQiR-5933		150 x 150 x 10.0 - 12.5	27.0	9.5	rib	150
new SCHi-5945	chamfered top	20 x 20 x 1.6 - 2.0	12.0	5.0	rib	3
new SCHi-5946	chamfered top	22 x 22 x 1.6 - 2.0	14.0	5.0	rib	4
new SCHi-5947	chamfered top	25 x 25 x 1.6 - 2.0	14.0	5.0	rib	5
new SCHi-5948	chamfered top	30 x 30 x 1.6 - 2.0	13.5	5.0	rib	6
new SCHi-5949	chamfered top	35 x 35 x 1.6 - 2.0	13.5	5.0	rib	8
new SCHi-5950	chamfered top	40 x 40 x 1.6 - 2.0	14.5	5.0	rib	12
new SCHi-5951	chamfered top	50 x 50 x 1.0 - 2.0	14.0	5.0	rib	12

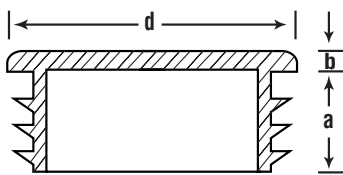
Material: polyethylene(PE) Colours: black, (**) white, (signal white 9003) grey, (traffic grey A-RAL 7042)

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RECTANGLE tube inserts



plain



ribbed



	PART NUMBER	TUBE size d (inches) X wall thickness	TUBE size d (mm) X wall thickness	Shank length a (mm)	Head b (mm)	Ribbed or plain	Weight (grams)
	RLiR-2853	1" x 1/2" x 22/14g	25.4 x 12.7 x 0.8 - 2.0	11.0	4.0	rib	2
new	RLiP-2985	1 1/2" x 3/4" x 22/14g	38.1 x 19.1 x 0.8 - 2.0	11.5	5.0	plain	2
	RLiR-5965	1 1/2" x 1" x 22/10g	38.1 x 25.4 x 0.8 - 3.0	11.0	5.0	rib	5
	RLiR-5977		40 x 20 x 1.25 - 2.0	13.0	5.0	rib	5
	RLiR-5978		50 x 10 x 0.75 - 2.0	11.5	3.5	rib	2
	RLiR-5980		50 x 20 x 1.0 - 3.0	14.0	5.0	rib	5
	RLiR-5981	2" x 1" x 18/10g	50 x 25 x 1.25 - 3.0	16.0	5.5	rib	10
	RLiR-5981G		50 x 25 x 1.0 - 3.0	15.0	5.0	rib	6
	RLiR-5981W		50 x 25 x 1.0 - 3.0	15.0	5.0	rib	6
	RLiR-5982		50 x 30 x 1.0 - 3.0	14.5	5.0	rib	5
	RLiR-5979		50 x 30 x 2.6 - 3.2	20.0	7.0	rib	5
	RLiP-2992		60 x 20 x 1.5	12.75	4.75	plain	7
	RLiR-5984		60 x 40 x 3.2 - 4.0	20.0	7.5	rib	20
new	RLiR-5967	2 1/2" x 1 1/2" x 20/10g	63.5 x 38.1 x 1.2 - 3.5	14.5	5.0	rib	22
new	RLiR-2864	2 1/2" x 1 1/2" x 10g	63.5 x 38.1 x 3.0	18.25	9.5	plain	30
	RLiR-5968		65 x 16 x 1.2 - 1.6	14.5	5.0	rib	10
	RLiR-5983		65 x 35 x 1.0 - 3.0	15.5	5.0	rib	10
	RLiR-5985		75 x 25 x 1.0 - 3.0	14.5	5.0	rib	10
	RLiP-2865	3" x 1 1/2" x 10g	76.2 x 38.1 x 3.0	21.0	8.5	plain	30
	RLiR-5986		75 x 50 x 1.6 - 4.0	20.5	5.0	rib	15
	RLiP-2701	3" x 1 1/2" x 18/10g	76 x 38 x 1.2 - 3.5	12.0	2.5	plain	10
	RLiR-5989		80 x 40 x 1.0 - 3.0	15.0	5.0	rib	15
	RLiR-5988		80 x 40 x 3.2 - 4.0	25.0	5.0	rib	35
	RLiR-5990		80 x 50 x 2.0 - 4.0	18.0	5.0	rib	22
	RLiR-5992		100 x 25 x 1.5 - 3.0	14.5	5.0	rib	12
	RLiR-5994		100 x 50 x 1.6 - 4.5	24.0	5.0	rib	28
	RLiR-5993		100 x 50 x 1.6 - 4.0	20.0	6.5	rib	38
	RLiR-5995		100 x 50 x 3.2 - 5.0	24.0	6.5	rib	37
	RLiR-5996		125 x 75 x 3.0 - 5.0	24.0	6.0	rib	50
	RLiR-5997		150 x 50 x 2.0 - 4.0	28.0	8.0	rib	63
new	RLiR-5969		150 x 50 x 4.0 - 7.0	21.5	6.0	rib	125
	RLiR-5998		150 x 100 x 3.0 - 8.0	29.0	7.0	rib	130

Material: polyethylene(PE) Colours: black, [* *] white, [signal white 9003] grey, [traffic grey A-RAL 7042]

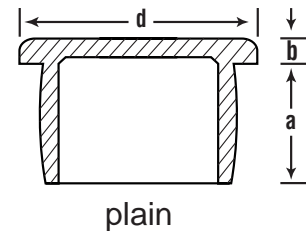
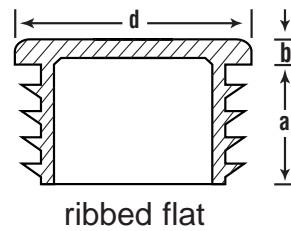
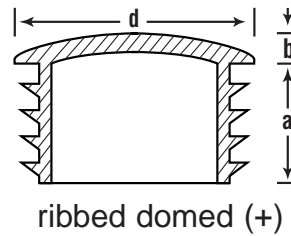
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ROUND tube inserts

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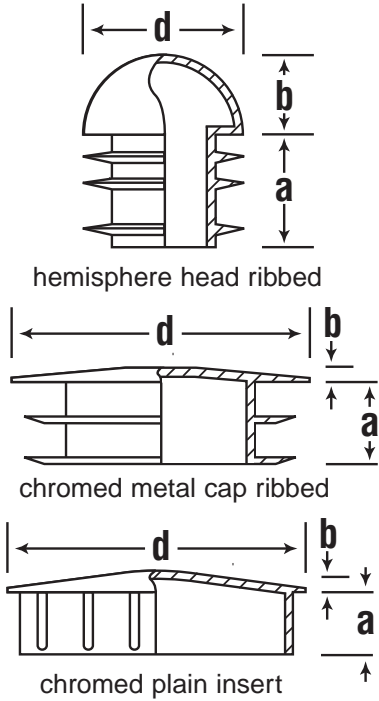


PART NUMBER	TUBE size d (inches) X wall thickness	TUBE size d (mm) X wall thickness	Shank length a (mm)	Head b (mm)	Ribbed or plain	Weight (grams)	
RTPi-2110	3/8" x 20g	9.5 x 1.0	9.5	2.5	plain	1	
RTPi-2111	1/2" x 20g	12.7 x 1.0	12.75	3.25	plain	1	
RTPi-2432	1/2" x 20g	12.7 x 1.0	8.75	2.5	plain	1	
RTPi-2112	5/8" x 20g	15.86 x 1.0	12.0	4.0	plain	1	
RTRi-5521		16 x 0.8 - 2.0	11.5	5.0	rib	1	
RTRi-5522	3/4" x 20/14g	19.05 x 0.8 - 2.0	12.75	5.75	rib	1	
RTRi-5523		20 x 0.8 - 2.0	11.5	5.0	rib	2	
RTRi-5524		22 x 0.8 - 3.0	11.5	5.0	rib	2	
RTRi-5506 **		25 x 1.0 - 3.0	11.5	5.0	rib	3	
RTRi-5539		25 x 1.25 - 1.5	13.0	6.0	rib	2	
RTRi-5505	20 nbi (26.9mm)	27 x 1.0 - 3.0	11.5	5.0	rib	3	
RTRi-5509		30 x 0.8 - 2.5	11.5	5.0	rib	3	
RTRi-5508		32 x 0.8 - 2.5	11.5	5.0	rib	4	
RTRi-5577		33.7 x 1.0 - 3.0	11.0	5.0	rib	5	
RTRi-5578	25 nbi	33.7 x 2.6 - 4.0	+	15.0	5.5	rib	6
RTRi-5507	1 1/2" x 20/9g	38.1 x 1.0 - 3.5	11.5	5.0	rib	4	
RTRi-5575		40 x 1.0 - 3.0	12.0	5.00	rib	4	
RTRi-5579		42 x 0.8 - 2.5	14.5	5.0	rib	4	
RTRi-5580	32 nbi	42.4 x 2.6 - 4.0	+	17.5	7.5	rib	7
RTRi-5576		45 x 0.8 - 3.5	11.5	5.0	rib	5	
RTRi-5581		48.3 x 1.2 - 3.6	11.0	5.0	rib	6	
RTRi-5582	40 nbi	48.3 x 3.2 - 5.0	+	19.0	8.0	rib	15
RTRi-5515 **		50 x 1.0 - 2.5	11.5	5.0	rib	6	
RTRi-5516	2" x 18/10g	50.8 x 1.2 - 3.0	11.5	5.0	rib	6	
RTRi-5585		60 x 1.5 - 3.0	18.0	4.0	rib	16	
RTRi-5584	50 nbi	60.3 x 3.2 - 5.0	+	20.5	10.0	rib	24
RTRi-5583	2 1/2" x 18/14g	63.5 x 1.25 - 2.0	20.0	7.0	rib	22	
RTRi-5603		75 x 1.0 - 3.5	21.5	6.0	rib	25	
RTRi-5587		76.1 x 1.6 - 4.0	22.0	6.0	rib	27	
RTRi-5586	65 nbi	76.1 x 3.2 - 5.0	+	22.0	13.0	rib	39
RTRi-5590		80 x 1.5 - 3.0	20.0	4.0	rib	25	
RTRi-5591	80 nbi (3 1/2")	88.9 x 1.8 - 4.0	22.0	4.0	rib	34	
RTRi-5600		90 x 2.5 - 5.5	19.0	5.0	rib	35	
RTRi-5601		95 x 1.5 - 4.0	21.0	6.0	rib	39	
RTRi-5589		100 x 1.5 - 4.5	34.0	6.0	rib	44	
RTRi-5602		102 x 1.5 - 4.0	21.0	6.0	rib	46	
RTRi-5588	100 nbi (4 1/2")	114.3 x 3.2 - 5.5	28.0	6.0	rib	56	
RTRi-5595		120 x 2.0 - 4.0	28.0	6.0	rib	63	
RTRi-5596		125 x 2.0 - 6.0	34.0	6.0	rib	72	
RTRi-5597		130 x 2.0 - 6.0	34.0	6.0	rib	75	
RTRi-5599		133 x 2.0 - 6.0	34.0	6.0	rib	78	
RTRi-5592	125 nbi (5 1/2")	139.7 x 2.0 - 6.5	34.0	6.0	rib	86	
RTRi-5593		150 x 2.0 - 7.0	34.0	6.0	rib	90	
RTRi-5594		168.3 x 2.0 - 6.5	34.0	6.0	rib	125	

Material: polyethylene(PE) Colours: black, (**) white, (signal white 9003) grey, (traffic grey A-RAL 7042)

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ROUND ball head inserts



PART NUMBER	Tube size d (inches) x wall thickness	Tube size d (mm) x wall thickness	Shank length a (mm)	Head height b (mm)	Material	Weight (grams)
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ROUND hemisphere head ribbed tube inserts

RBiR-2390		16 x 1.0-2.0	12.0	7.5	PE	2.0
RBiR-2391		18 x 1.0-2.0	12.0	8.0	PE	2.0
RBiR-2396	3/4" x 18-14g	19.1 x 1.2 - 2.0	14.0	9.5	PE	4.0
RBiR-2392		20 x 1.0-2.0	15.5	9.5	PE	4.0
RBiR-2393		22 x 1.0-2.0	15.5	10.5	PE	4.0
RBiR-2394		25 x 1.0-2.0	15.5	10.5	PE	5.0
RBiR-2395		32 x 1.0-2.0	19.5	15.5	PE	8.0
RBiR-2402	25nbi - 10g	33.7 x 3.25	20.0	16.85	PE	12.0
RBiR-2397		42 x 1.5 - 2.5	30.0	21.0	PE	18.0
RBiR-2403	32 nbi - 10g	42.3 x 3.25	25.0	21.2	PE	18.0
RBiR-2404	40 nbi - 10g	48.3 x 3.25	25.0	24.15	PE	20.0
RBiR-2398		48.4 x 1.5 - 2.5	30.0	24.2	PE	21.0
RBiR-2399		50 x 1.5 - 2.5	30.0	25.0	PE	27.0
RBiR-2400	2" x 18-14g	50.8 x 1.2 - 2.5	25.5	30.0	PE	27.0
RBiR-2405	50 nbi - 9g	60.3 x 3.65	25.0	30.15	PE	32.0
RBiR-2401	2 1/2" x 18-14g	63.5 x 1.5 - 2.5	32.0	40.0	PE	42.0

ROUND chromed Metal with cap ribbed tube inserts

RCiR-5564		19 x 1.0 - 2.0	9.0	3.0	PE & metal	4.0
RCiR-5565		25 x 1.0 - 2.0	13.0	3.0	PE & metal	5.0
RCiR-5566		32 x 1.0 - 2.0	13.0	3.0	PE & metal	8.0
RCiR-5567		38 x 1.0 - 2.0	13.0	3.0	PE & metal	10.0
RCiR-5568		50 x 1.6	13.0	2.0	PE & metal	12.0

SQUARE chromed Metal cap ribbed tube inserts

SCiR-5940		25 x 25 x 1.0 - 2.0	10.0	2.0	PE & metal	4.0
SCiR-5943		30 x 30 x 1.0 - 2.0	10.0	3.0	PE & metal	6.0
SCiR-5941		40 x 40 x 1.0 - 2.0	12.0	3.0	PE & metal	14.0

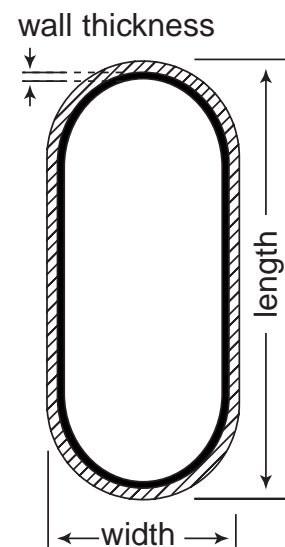
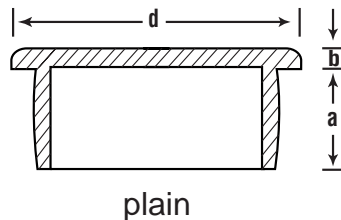
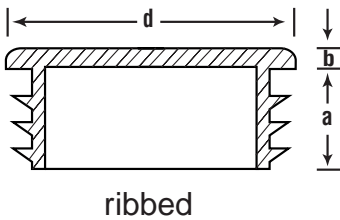
SQUARE chromed plated plain tube inserts

SCiP-5942		50 x 50 x 1.6	11.0	5.0	ABS	14.0
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Materials: PE (polyethylene), mild steel, ABS Colours: black, bright chrome

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OBLONG (flat sided oval) tube inserts



PART NUMBER	TUBE size d (mm) x wall thickness	Shank length a (mm)	Head b (mm)	Ribbed or plain	Weight (grams)
ROPi-6008	120 x 48 x 2.0	20.0	5.0	plain	45.0
ROPi-6009	115 x 42 x 2.0 - 2.5	20.0	5.0	plain	37.0
ROPi-6010	114 x 44 x 2.0	20.0	5.0	plain	37.0
ROPi-6011	97 x 42 x 2.0 - 2.5	20.0	5.0	plain	28.0
ROPi-6012	75 x 16.5 x 0.9 - 2.0	20.0	5.0	plain	15.0
RORi-6013	59 x 30 x 1.5 - 2.0	20.0	3.0	rib	7.0
RORi-6014	51 x 16 x 1.6	16.0	3.0	rib	5.0
ROPi-6005	30.8 x 15.4 x 0.9 - 1.6	16.0	3.0	plain	1.0

Material: polyethylene

Colour: black

STEEL tube inserts

PART NUMBER	Tube size d (inches) x wall thickness	Tube size d (mm) x wall thickness	Shank length a (mm)	Head thickness b (mm)	Profile	Insert type	Weight (grams)
ROUND tube inserts mild steel "raw finish"							
RSSE-3000	1/2"x 18/16g	12.7 x 1.2-1.6	8.0	2.0	K	spring	0.5
RSSE-3001	5/8"x 18/16g	15.86 x 1.2-1.6	10.0	3.0	K	spring	1.0
RSSE-2993		16.0 x 1.2-1.6	10.0	1.5	K	spring	1.5
RSSE-2994		19.0 x 1.2-1.6	10.0	1.5	K	spring	2.0
RSSE-3002	3/4"x 18/16g	19.05 x 1.2-1.6	12.0	3.0	K	spring	2.0
RSTE-3012	3/4" x 16g	19.05 x 1.6	20.5	8.0	L	plain insert	15.0
RSTE-3017		20.0 x 1.2	10.0	2.0	J	plain insert	6.0
RSTE-3019		22.0 x 1.2	9.0	3.0	J	plain insert	6.0
RSiP-3011		22.0 x 1.6	9.0	3.0	J	plain insert	7.0
RSSE-3003	7/8"x 18/16g	22.23 x 1.2-1.6	7.0	3.0	K	spring	3.0
RSTE-3020	7/8" x 16g	22.23 x 1.6	21.0	8.8	L	plain insert	20.0
RSTE-3018		25.0 x 1.2	9.0	3.0	J	plain insert	8.0
RSiP-3013		25 x 1.6	9.0	3.5	J	plain insert	8.0
RSSE-3004	1"x 18/16g	25.4 x 1.2-1.6	12.0	4.0	K	spring	5.0
RSTE-3028	1" x 16g	25.4 x 1.6	20.5	9.5	L	plain insert	23.0
RSiP-3014		30.0 x 1.6	8.0	4.0	J	plain insert	12.0
RSSE-3005	1 1/4"x 18/16g	31.75 x 1.2-1.6	10.0	3.0	K	spring	7.0
RSTE-3021		32.0 x 1.2	8.0	3.0	J	plain insert	11.0
RSiP-3015		32.0 x 1.6	8.0	3.0	J	plain insert	12.0
RSiP-3016		35.0 x 1.6	9.0	3.0	J	plain insert	14.0
RSSE-3006	1 1/2"x 18/16g	38.1 x 1.2-1.6	10.0	4.0	K	spring	9.0
RSSE-3007	2"x 16/18g	50.8 x 1.2-1.6	3.0	7.0	K	spring	12.0

ROUND tube inserts, flat head, stainless steel 316 grade							
RFIS-3030	1"x 16/14g	25.4 x 1.6-2.0	12.7	2.5	SS2	plain insert	20.0
RFIS-3031	1 1/4"x 16/14g	31.8 x 1.6-2.0	16.5	2.5	SS2	plain insert	30.0
RFIS-3032		33.7 x 1.6-2.0	28.0	2.0	SS2	plain insert	35.0
RFIS-3033		38.1 x 1.6-2.0	24.0	3.5	SS2	plain insert	39.0
RFIS-3034		40.0 x 1.6-2.0	31.0	2.5	SS2	plain insert	40.0
RFIS-3035		42.4 x 1.6-2.0	33.0	3.0	SS2	plain insert	45.0
RFIS-3036		48.3 x 1.6-2.0	24.0	3.0	SS2	plain insert	52.0
RFIS-3037	2"x 16/14g	50.8 x 1.6-2.0	25.0	4.0	SS2	plain insert	64.0

ROUND tube inserts, dome head, stainless steel 316 grade							
RDIS-3040		16.0 x 1.2-2.0	15.0	3.3	SS1	knock-in	3.0
RDIS-3041		20.0 x 1.2-2.0	17.0	3.5	SS1	knock-in	5.0
RDIS-3042	1"x 20/16g	25.4 x 0.6-1.6	10.0	5.0	SS1	knock-in	7.0
RDIS-3043		30.0 x 1.6-2.8	23.5	6.8	SS1	knock-in	10.0
RDIS-3044	1 1/4"x 20/16g	31.8 x 0.7-1.6	10.0	5.5	SS1	knock-in	11.0
RDIS-3045		33.7 x 1.6-2.8	23.5	7.1	SS1	knock-in	13.0
RDIS-3046	1 1/2"x 20/14g	38.1 x 0.8-2.0	12.0	7.0	SS1	knock-in	15.0
RDIS-3047		40.0 x 1.6-3.0	25.4	8.2	SS1	knock-in	17.0
RDIS-3048		42.4 x 1.6-3.0	25.0	8.3	SS1	knock-in	20.0
RDIS-3049		48.3 x 1.6-3.0	26.5	10.0	SS1	knock-in	23.0
RDIS-3050	2"x 20/14g	50.8 x 0.9-2.0	15.0	9.0	SS1	knock-in	25.0
RDIS-3051		60.3 x 1.6-3.0	26.5	11.0	SS1	knock-in	30.0

SQUARE tube inserts, "raw finish"							
SSTE-3066	3/4" x 3/4" x 16g	19.05 x 19.05 x 1.6	18.5	8.0	M	plain insert	14.0
SSTE-3070	7/8" x 7/8" x 16g	22.23 x 22.23 x 1.6	17.5	8.8	M	plain insert	20.0
SSTE-3074	1" x 1" x 16g	25.4 x 25.4 x 1.6 & and 25 x 25 x 1.6	13.5	9.5	M	plain insert	23.0

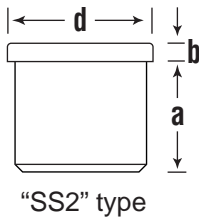
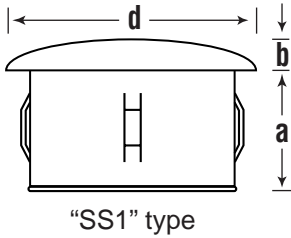
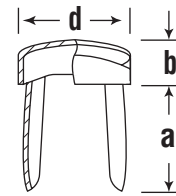
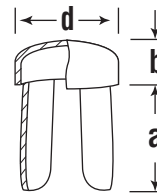
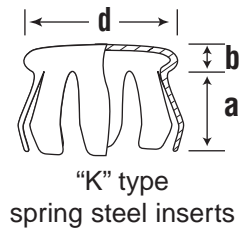
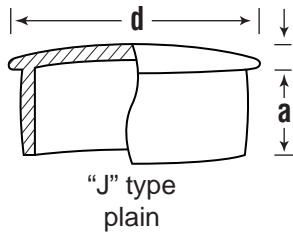
SQUARE tube inserts, flat head, stainless steel 316 grade							
SDIS-3075	1" x 1" x 16g	25.4 x 25.4 x 1.6	20.0	3.0	SS2	plain insert	45.0
SDIS-3076		30.0 x 30.0 x 1.6	22.0	3.0	SS2	plain insert	70.0
SDIS-3077	2" x 2" x 14g	50.8 x 50.8 x 2.0	31.0	3.5	SS2	plain insert	150.0

The round & square steel tube insert range are stocked in raw steel finish for self colouring so they can be fitted to tubular frames before finishing eg. by chrome plating, powder coating etc

Materials: mild steel or spring steel in raw finish, can be zinc plated, 316 grade stainless steel

STEEL tube inserts - round & square





PART NUMBER	Tube O/D x wall thickness D (imperial)	Tube O/D x wall thickness b (metric)	Shaft length a (mm)	Angle of incline C (° degree)	Head e1 to e2 (mm)	Ribbed plain or shoe	Material	Weight (grams)
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ROUND tube angled foot inserts

RPAi-2020	5/8" x 17g	15.86 x 1.4	14.0	17.5°	6.0 - 11.25	plain	PE	1.0
RPAi-2021	5/8" x 16g	15.86 x 1.6	14.0	15°	5.0 - 8.75	plain	PE	1.0
RAi-2013		18	19.0	12°	5.0 - 8.5	rib	PE	2.0
RAi-2012		18 x 1.6 - 2.0	19.0	15°	5.0 - 9.0	rib	PE	2.0
RAi-2014		18	19.0	21°	5.0 - 9.0	rib	PE	3.0
RPAi-2019	3/4" x 18g	19.05 x 1.25	15.75	17.5°	6.0 - 13.5	plain	PE	3.0
RPAi-2018	3/4" x 16g	19.05 x 1.6	15.75	17.5°	5.0 - 11.0	plain	PE	3.0
RPAi-2017	3/4" x 16g	19.05 x 1.6	15.5	17.5°	4.0 - 12.0	plain	PE	3.0
RPAi-2016	3/4" x 14g	19.05 x 2.0	15.7	17.5°	5.5 - 11.25	plain	PE	2.0
RPAi-2015	7/8" x 17g	22.23 x 1.4	15.7	28°	5.5 - 16.25	plain	PE	5.0
RAi-2022		20 x 1.6 - 2.0	20.0	9°	5.0 - 8.0	rib	PE	3.0
RAi-2023		20 x 1.6 - 2.0	20.0	12°	5.0 - 9.0	rib	PE	3.0
RAi-2024		20 x 1.6 - 2.0	20.0	15°	5.0 - 10.0	rib	PE	2.0
RAi-2025		20 x 1.6 - 2.0	20.0	18°	5.0 - 11.5	rib	PE	3.0
RAi-2026		22 x 1.6 - 2.0	20.0	9°	5.0 - 8.0	rib	PE	2.0
RAi-2027		22 x 1.6 - 2.0	20.0	12°	5.0 - 9.0	rib	PE	2.0
RAi-2028		22 x 1.6 - 2.0	20.0	15°	5.0 - 10.0	rib	PE	4.0
RAi-2029		22 x 1.6 - 2.0	20.0	18°	5.0 - 11.5	rib	PE	4.0
RAi-2030		25 x 1.6 - 2.0	20.0	9°	5.0 - 9.0	rib	PE	4.0
RAi-2031		25 x 1.6 - 2.0	20.0	12°	5.0 - 10.0	rib	PE	3.0
RAi-2032		25 x 1.6 - 2.0	20.0	15°	5.0 - 11.0	rib	PE	4.0
RAi-2033		25 x 1.6 - 2.0	20.0	18°	5.0 - 12.0	rib	PE	6.0

ROUND tube tilting foot inserts

new	TG-4490		14 x 1.6 - 2.0	17.0	25°max.	23.0 od base	rib	PE, PVC, PA	4.0
new	TG-4491		16 x 1.6 - 2.0	25.0	25°max.	22.0 od base	rib	PP & PA	5.0
new	TG-4492		18 x 1.6 - 2.0	25.0	25°max.	22.0 od base	rib	PP & PA	6.0
	TG-4501		19 x 1.6 - 2.0	25.4	19 (-22)°	25.0 od base	rib	Nylon 6	6.0
new	HDTG-4497	non-slip base	19 x 1.6 - 2.0	25.4	19 (-22)°	37.0 od base	rib	Nylon 6 + PVC (soft)	14.0
	TG-4493		20 x 1.6 - 2.0	25.0	25°max.	25.0 od base	rib	PP & PA	7.0
new	HDTG-4498	non-slip base	20 x 1.6 - 2.0	25.4	19 (-22)°	37.0 od base	rib	Nylon 6 + PVC (soft)	14.0
	TG-4502		22 x 1.6 - 2.0	25.4	19 (-22)°	25.0 od base	rib	Nylon 6	7.0
new	HDTG-4499	non-slip base	22 x 1.6 - 2.0	25.4	19 (-22)°	37.0 od base	rib	Nylon 6 + PVC (soft)	15.0
	TG-4503		25 x 1.6 - 2.0	25.4	19 (-22)°	25.0 od base	rib	Nylon 6	10.0
new	HDTG-4450	non-slip base	25 x 1.6 - 2.0	25.4	19 (-22)°	37.0 od base	rib	Nylon 6 + PVC (soft)	16.0

ROUND tube angled foot caps, (outside fitting)

RAOCi-2035	5/8" x 16g	15.86 x 1.6	24.0 high	19°	3.5 thick	shoe	PE	2.0
RAOCi-2034	3/4"	19.05	24.0 high	9°	4.5 thick	shoe	PE	2.0
RAOCi-2036	3/4"	19.05	24.0 high	19°	4.0 thick	shoe	PE	4.0

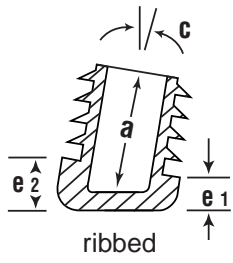
SQUARE tube angled foot inserts

SPAi-2040	5/8" x 5/8" x 16g	15.86 x 15.86 x 1.6	14.25	10°	4.0 - 10.0	plain	PE	1.0
SQAi-2041		16 x 16 x 1.0 - 2.0	12.0	10°	4.0 - 7.0	rib	PE	1.0
SQAi-2042		18 x 18 x 1.0 - 2.0	12.0	10°	5.0 - 8.0	rib	PE	1.0
SPAi-2039	3/4" x 3/4" x 16g	19.05 x 19.05 x 1.6	15.5	17.5°	4.0 - 9.0	plain	PE	3.0
SQAi-2043		20 x 20 x 1.0 - 2.0	12.0	10°	5.0 - 8.0	rib	PE	2.0
SQAi-2045		25 x 25 x 1.0 - 2.0	12.0	10°	5.0 - 8.0	rib	PE	3.0

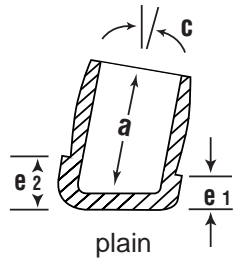
SQUARE tube tilting foot inserts

new	STTG-4487		20 x 20 x 1.6	25.0	24°max.	30.0 od base	plain	Nylon + PE	11.0
new	STTG-4486		20 x 20 x 2	25.0	24°max.	30.0 od base	plain	Nylon + PE	11.0
new	STTG-4485		25 x 25 x 1.6	25.0	24°max.	30.0 od base	plain	Nylon + PE	12.0

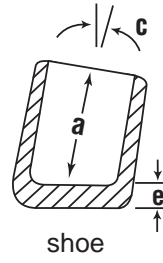
chair & table feet



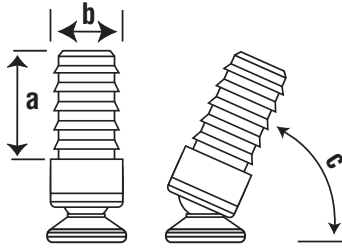
ribbed



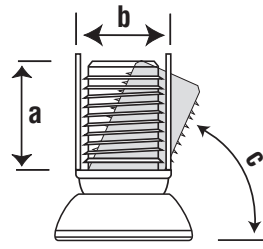
plain



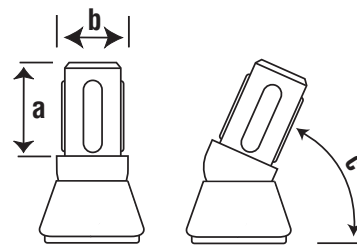
shoe



round insert with tilting foot



heavy duty with non-slip base



square insert with tilting foot



ANGLED & tilting chair & table feet

ROUND hole covers

for closure of assembly holes in sheets, posts, housings and unused bores

PART NUMBER	Hole diameter e (mm)(inch.)	Panel / sheet thickness d (mm)	Colour	Material	Type	Head diameter a (mm)	Head thickness C (mm)	Shank length b (mm)	Weight (grams)
RHCW - 2476	4.7	1.6	white	nylon66	clip-in-B	6.4	1.6	4.3	0.25
RRHC - 2510	6.0	1.6	black	rubber	blind grommet	9.0	1.0	5.0	0.5
RHCW - 2477	6.3	1.6	white	nylon66	clip-in-B	7.9	1.6	6.3	0.3
RTPi - 2110	7.6	0.8 - 9.5	black	PE	plain insert	9.5	2.5	9.5	0.5
RHCW - 2478	7.9 (5/16")	1.6	white	nylon66	clip-in-B	9.5	1.6	6.3	0.5
RRHC - 2511	8.0	1.6	black	rubber	blind grommet	11.0	1.0	5.0	0.5
RTPi - 2113	8.0	0.8 - 11.0	white	PE	plain insert	10.0	1.6	11.5	0.5
RHCW - 2479	9.5-10.0	0.8 - 3.2	white	nylon66	clip-in-B	11.9	1.6	8.7	0.5
RTPi - 2109	10.0	0.8 - 11.0	white	PE	plain insert	15.0	1.6	11.5	1.0
RHC - 2501	9.5-11.0	0.8 - 3.2	black	POM	clip-in-A	16.0	1.6	12.6	0.5
RRHC - 2512	10.0	1.6	black	rubber	blind grommet	12.0	1.5	5.0	0.5
RTPi - 2111	10.8	0.8 - 12.0	black	PE	plain insert	12.7	2.5	12.0	0.5
RTPi - 2432	11.0	0.8 - 8.8	black	PE	plain insert	12.7	2.5	8.8	0.5
RHCW - 2480	12.7 (1/2")	0.8 - 3.2	white	nylon66	clip-in-B	14.7	1.6	8.7	0.5
RHC - 2502	12.7-14.3	0.8 - 3.2	black	POM	clip-in-A	18.5	1.6	12.0	0.5
RRHC - 2513	13.0	1.6	black	rubber	blind grommet	17.0	2.0	6.0	0.8
RHC - 2503	15.0-17.5	0.8 - 3.2	black	POM	clip-in-A	21.5	1.6	12.0	0.8
RHCW - 2481	15.9 (5/8")	0.8 - 3.2	white	nylon66	clip-in-B	18.2	1.6	8.7	0.8
RRHC - 2514	16.0	1.6	black	rubber	blind grommet	20.0	2.0	6.0	1.0
RHCW - 2482	17.4	0.8 - 3.2	white	nylon66	clip-in-B	19.8	1.6	8.7	0.5
RHC - 2504	18.4-20.6	0.8 - 3.2	black	POM	clip-in-A	25.0	1.6	12.0	2.0
RRHC - 2515	19.0	1.6	black	rubber	blind grommet	25.0	2.0	6.0	2.0
RHCW - 2483	19.1 (3/4")	0.8 - 3.2	white	nylon66	clip-in-B	23.4	1.6	8.7	1.5
RRHC - 2516	22.0	1.6	black	rubber	blind grommet	28.0	2.5	5.0	3.0
RHC - 2505	22.0-25.5	0.8 - 3.2	black	POM	clip-in-A	32.5	1.6	13.2	2.0
RHCW - 2484	22.2 (7/8")	0.8 - 3.2	white	nylon66	clip-in-B	25.8	1.6	9.9	1.5
RRHC - 2517	25.0	1.6	black	rubber	blind grommet	31.0	3.0	8.0	3.0
RHCW - 2485	25.4 (1")	0.8 - 3.2	white	nylon66	clip-in-A	30.6	1.6	9.9	2.0
RHCW - 2486	27.8-28.6	0.8 - 3.2	white	nylon66	clip-in-A	30.9	1.6	9.9	2.0
RRHC - 2518	28.0	1.6	black	rubber	blind grommet	34.0	2.5	7.0	3.0
RHC - 2506	28.0-30.0	0.8 - 3.2	black	POM	clip-in-A	35.0	1.6	13.2	1.0
RHCW - 2487	31.7 (1 1/4")	0.8 - 3.2	white	nylon66	clip-in-B	34.9	1.6	9.9	2.0
RRHC - 2519	32.0	1.6	black	rubber	blind grommet	37.0	2.5	7.0	4.0
RHC - 2507	35.0-38.0	0.8 - 3.2	black	POM	clip-in-A	43.0	1.6	13.2	2.0
RRHC - 2520	38.0	1.6	black	rubber	blind grommet	44.0	3.0	8.0	5.0
RHCW - 2488	38.1 (1 1/2")	0.8 - 3.2	white	nylon66	clip-in-B	42.4	1.6	12.7	3.0
RRHC - 2521	44.0	1.6	black	rubber	blind grommet	57.0	4.0	9.5	14.0
RHC - 2508	45.0-47.5	0.8 - 3.2	black	POM	clip-in-A	52.0	1.6	13.2	5.0
RRHC - 2522	50.0	1.6	black	rubber	blind grommet	58.0	3.0	8.0	17.0
RHCW - 2489	50.8 (2")	0.8 - 3.2	white	nylon66	clip-in-B	55.1	1.6	13.1	4.0

Materials: black "clip in": **POM (polyacetate)**, free of halogens. max. allowable temperature for use: 105° C
white "clip in": **nylon 6.6**, free of halogens. max. allowable temperature for use: 105° C

Blind grommets: 100% natural rubber Plain inserts: polyethylene (PE) Colours: black, white (traffic white RAL9016)

ROUND Vent inserts

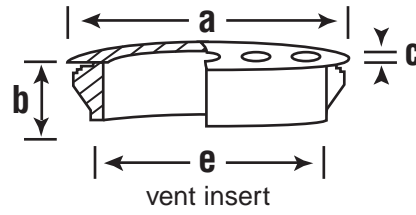
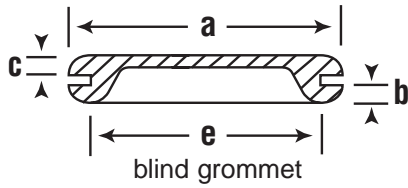
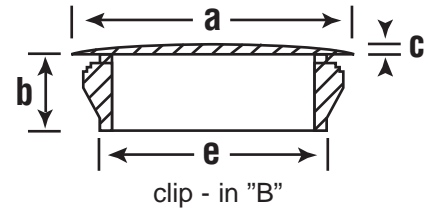
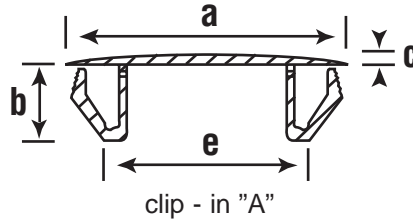
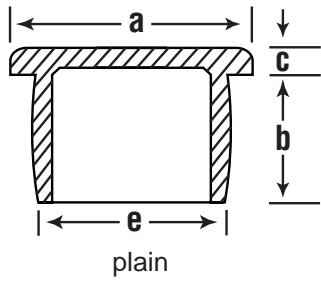
allows the passage of air, heat and sound

PART NUMBER	Mounting hole dia e (mm)	Sheet panel thickness d (mm)	No. of Vent holes	Vent hole dia (mm)	Overall width a (mm)	Overall height C (mm)	Weight (grams)
RVi - 2465	12.7	0.8 - 3.2	4	2.4	14.7	1.6	0.3
RVi - 2466	25.4	0.8 - 3.2	9	3.2	30.6	1.6	2.0
RVi - 2467	38.1	0.8 - 3.2	13	3.2	42.4	1.6	3.0
RVi - 2468	50.8	0.8 - 3.2	19	3.2	54.4	1.6	7.0

Materials: **Nylon 6.6** Colours: black, white (traffic white RAL9016) available subject to min. order quantity.

covers & Vents

flexlinerTM
engineering
Quality components



ROUND hole covers & Vents

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PART NUMBER	Description	Size	Details
Levelling feet			
RSSF-5360	non-tilt levelling foot, all stainless steel 304 grade	M10 x 60mm thread	page 27
HSAF-5440	tilting levelling foot, stainless steel 304 grade threaded stem, circular base moulded of Nylon,"soft" foot pad optional. Max. static load 500kgs	M10 x 60mm thread	page 28
HSEF-5439	tilting levelling foot, stainless steel 304 grade threaded stem, 2 hole "bolt down" Nylon base,"soft" foot pad optional. Max. static load 500kgs	M10 x 60mm thread	page 28
HSAF-5454	tilting levelling foot, stainless steel 304 grade threaded stem, circular base moulded of re-inforced glass filled Nylon. Max static load 750 kgs	M12 x 100mm thread	page 28
HSAF-5455	tilting levelling foot, stainless steel 304 grade threaded stem, circular base moulded of re-inforced glass filled Nylon. Max static load 750 kgs	M16 x 100mm thread	page 28
"T" nuts			
TDSi-4025	"drive-in" T Nut. all stainless steel 304 grade	M6 thread	page 26
TDSi-4026	"drive-in" T Nut. all stainless steel 304 grade	M8 thread	page 26
TDSi-4027	"drive-in" T Nut. all stainless steel 304 grade	M10 thread	page 26
TWSi-4045	"weld-on" T Nut. all stainless steel 304 grade	M6 thread	page 26
TWSi-4046	"weld-on" T Nut. all stainless steel 304 grade	M8 thread	page 26
TWSi-4047	"weld-on" T Nut. all stainless steel 304 grade	M10 thread	page 26
Threaded tube inserts			
RETI-5878	rectangle "Expanding" plain threaded Nylon tube insert, stainless steel 316 grade thread. For levelling foot or castor attachment	50mm x 25mm x 1.6mm - M10 thread	page 25
RTSi-5821	rectangle ribbed threaded Nylon tube insert, stainless steel 316 grade thread. For levelling foot attachment ONLY	50mm x 25mm x 1-2mm - M10 thread	page 25
SLTi-5803	square plain threaded Nylon tube insert, stainless steel 304 grade thread. For levelling foot ONLY	25mm x 25mm x 1.6mm - M10 thread	page 22
SLTi-5865	square plain threaded Nylon tube insert, stainless steel 304 grade thread. For levelling foot ONLY	32mm x 32mm x 1.6mm - M16 thread	page 22
SETi-5813	square "Expanding" plain threaded Nylon tube insert, stainless steel 304 grade thread. For levelling foot or castor attachment	38.1mm x 38.1mm x 1.6mm - M10 thread	page 22
SETi-5788	square "Expanding" plain threaded Nylon tube insert, stainless steel 304 grade thread. For levelling foot or castor attachment	50mm x 50mm x 1.6mm - M10 thread	page 22
RDPi-5791	round plain threaded Nylon tube insert, stainless steel 304 grade thread. For levelling foot ONLY	38.1mm o.d. x 1.6mm - M16 thread	page 20
RDPi-5876	round plain threaded Nylon tube insert, stainless steel 304 grade thread. For levelling foot ONLY	50.8mm o.d. x 1.6mm - M12 thread	page 20
RDPi-5877	round plain threaded Nylon tube insert, stainless steel 304 grade thread. For levelling foot ONLY	50.8mm o.d. x 1.6mm - M16 thread	page 20
<i>The threaded inserts above are designed to fit a number of sizes of stainless steel tube and M10, M12 & M16 levelling feet. It's not meant to be a comprehensive range. Other tube and thread sizes can be made subject to minimum order quantities.</i>			
Male & female handwheels			
HWMS-3563	male handwheel, stainless steel 316 grade thread	M6 x 25mm thread	page 40
HWMS-3564	male handwheel, stainless steel 316 grade thread	M6 x 50mm thread	page 40
HWMS-3565	male handwheel, stainless steel 316 grade thread	M8 x 25mm thread	page 40
HWMS-3566	male handwheel, stainless steel 316 grade thread	M8 x 50mm thread	page 40
HWMS-3554	male handwheel, stainless steel 316 grade thread	M10 x 25mm thread	page 40
HWMS-3555	male handwheel, stainless steel 316 grade thread	M10 x 50mm thread	page 40
HWMS-3557	male handwheel, stainless steel 316 grade thread	M12 x 25mm thread	page 40
HWMS-3562	male handwheel, stainless steel 316 grade thread	M12 x 50mm thread	page 40
<i>Male handwheels are stocked in M6, M8, M10 & M12 sizes having either 25mm or 50mm thread length. We can make thread lengths of 5mm up to 100mm plus, subject to minimum order quantities.</i>			
HWFS-3571	female handwheel, stainless steel 316 grade thread	M6 thread	page 40
HWFS-3573	female handwheel, stainless steel 316 grade thread	M8 thread	page 40
HWFS-3575	female handwheel, stainless steel 316 grade thread	M10 thread	page 40
HWFS-3577	female handwheel, stainless steel 316 grade thread	M12 thread	page 40
Castor			
CSSS-7214	twin "soft" grey PU tyred 50mm dia.wheels, Nylon housing, stainless steel 316 grade axle and 316 grade, M10x15mm attaching stem.		page 38
Hinges			
HSS-3200	moulded Nylon, stainless Steel 316 grade rotation pin	32mm x 32mm	page 46
HSS-3201	moulded Nylon, stainless Steel 316 grade rotation pin	48mm x 48mm	page 46
HSS-3202	moulded Nylon, stainless Steel 316 grade rotation pin	64mm x 64mm	page 46
HSS-3204	moulded Nylon, stainless Steel 316 grade rotation pin	96mm x 96mm	page 46

components summary

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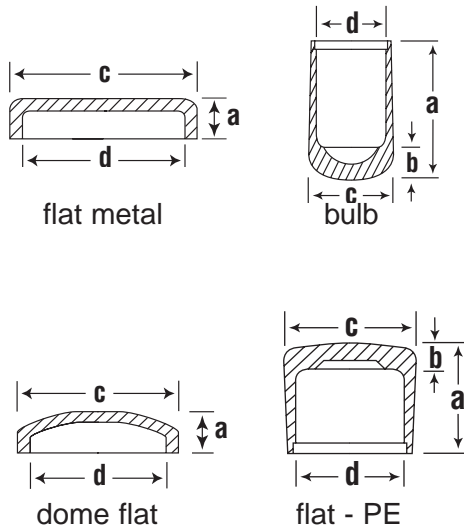


STAINLESS STEEL components summary

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CAPS - round

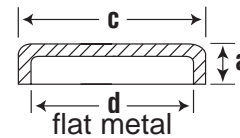
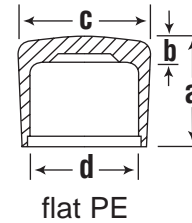
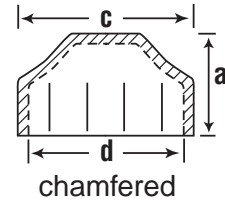
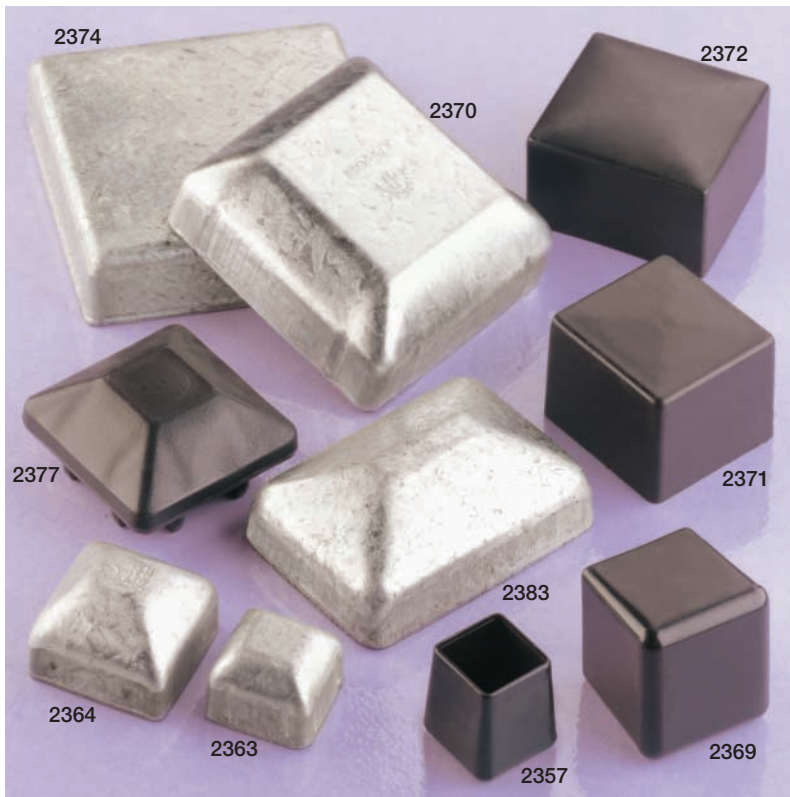


PART NUMBER	Tube O/D d (inches)	Tube O/D d (metric)	Material	Top profile	Cap height a (mm)	Head thickness b (mm)	Outside diameter C (mm)	Weight (grams)
ROUND - external fitting caps								
OSRC-2100	5/16"	8.0	polyethylene	flat	17.5	2.5	12.0	1.0
OSTC-2106	3/8"	9.5	polyethylene	bulb	21.5	3.25	15.0	1.0
OSRC-2101	7/16"	11.0	polyethylene	flat	18.25	3.25	14.25	1.0
OSRC-2102	1/2"	12.5-12.7	polyethylene	flat	13.0	3.0	15.75	1.0
OSRC-2107	1/2"	12.5-12.7	polyethylene	bulb	34.25	9.5	21.5	2.0
OSRC-2103	5/8"	16.0	polyethylene	flat	16.0	3.25	19.0	1.0
OSRC-2108	5/8"	16.0	polyethylene	bulb	25.5	6.25	20.75	2.0
OSRC-2050		16.0	mild steel-gal	domeflat	15.0		19.0	3.0
OSRC-2104	3/4"	19.0	polyethylene	flat	19.0	4.0	23.25	1.0
OSRC-2051		19.0	mild steel-gal	domeflat	20.0		22.0	8.0
OSRC-2060	1"	25 & 25.4	polyethylene	flat	25.25	5.25	29.0	8.0
OSRC-2052	20nbi	26.9	mild steel-gal	domeflat	22.0		31.0	26.0
OSRC-2067	1 1/4"	31.7 & 32.0	polyethylene	flat	31.5	6.25	36.75	10.0
OSRC-2053	25nbi	33.7	mild steel-gal	domeflat	26.0		38.5	44.0
OSRC-2068		34.0	PVC	domeflat	32.0	9.0	38.0	9.0
OSRC-2069		42.0	PVC	domeflat	33.0	9.0	41.0	13.0
OSRC-2054	32nbi	42.4	mild steel-gal	domeflat	32.5		47.5	73.0
OSRC-2055	40nbi	48.3	mild steel-gal	domeflat	29.0		53.5	70.0
OSRC-2078	1 29/32"	48.5	polyethylene	flat	50.75	9.5	54.0	23.0
OSRC-2079	2"	50.8	polyethylene	flat	40.0	2.5	54.5	17.0
OSRC-2056	50nbi	60.3	mild steel-gal	domeflat	31.0		65.0	100.0
OSRC-2082	2 3/8"	60.3	polyethylene	flat	31.0	5.5	65.0	22.0
OSRC-2057	65nbi	76.1	mild steel-gal	domeflat	38.0		82.0	200.0
OSRC-2086	3"	76.2	polyethylene	flat	33.25	4.75	80.25	27.0
OSRC-2058	80nbi	88.9	mild steel-gal	domeflat	40.0		95.0	225.0
OSRC-2089	3 1/2"	88.9	polyethylene	flat	35.0	6.25	92.75	33.0
OSRC-2092	4"	101.6	polyethylene	flat	36.5	6.25	105.5	45.0
OSRC-2059	4"	101.6	mild steel-gal	domeflat	40.0		105.0	256.0
OSRC-2093	4 1/2"	114.3	polyethylene	flat	37.25	5.5	119.75	65.0
OSRC-2094	100nbi	114.3	mild steel-gal	domeflat	38.0		120.0	260.0
OSRC-2095	125nbi	139.7	mild steel-gal	domeflat	42.0		145.0	370.0
OSRC-2096	150nbi	165.1	mild steel-gal	domeflat	47.0		170.0	520.0

Materials: polyethylene, polypropylene, mild steel galvanised Colours: black, grey/silver

CAPS -square & rectangle

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PART NUMBER	Tube size d (inches)	Tube size d (metric)	Material	Top profile	Overall height a (mm)	Head thickness b (mm)	Overall width C (mm)	Weight (grams)
SQUARE - external fitting caps								
OSSC-2357		20x20	polyethylene	flat	26.0	3.75	25.75	5.0
OSSC-2362		25x25	polyethylene	flat	30.0	4.0	31.0	8.0
OSSC-2363		25x25	mild steel-gal	chamfered	19.0		28.0	18.0
OSSC-2369		30x30	polyethylene	flat	35.0	4.25	38.0	15.0
OSSC-2364		35x35	mild steel-gal	chamfered	25.0		38.0	32.0
OSSC-2365		40x40	mild steel-gal	chamfered	28.0		43.0	33.0
OSSC-2371		40x40	polyethylene	flat	32.0	4.0	35.0	15.0
OSSC-2366		50x50	mild steel-gal	chamfered	27.0		53.0	53.0
OSSC-2377		50x50	polyethylene	chamfered	17.0		54.5	15.0
OSSC-2372		50x50	polyethylene	flat	40.0	4.5	54.0	25.0
OSSC-2385	2" x 2"	50.8x50.8	polyethylene	flat	40.0	4.5	55.0	19.0
OSSC-2367		60x60	mild steel-gal	chamfered	30.0		63.0	80.0
OSSC-2368		65x65	mild steel-gal	chamfered	31.0		68.0	87.0
OSSC-2380		65x65	polyethylene	chamfered	15.0		69.50	26.0
OSSC-2370		75x75	mild steel-gal	chamfered	30.0		78.50	110.0
OSSC-2373		90x90	mild steel-gal	chamfered	33.0		94.0	190.0
OSSC-2374		90x90	mild steel-gal	flat	20.0		95.0	160.0
OSSC-2375		100x100	mild steel-gal	chamfered	33.0		104.0	230.0
OSSC-2376		100x100	mild steel-gal	flat	20.0		105.0	150.0

RECTANGLE - external fitting caps

OSRC-2382		65x35	mild steel-gal	chamfered	33.0		68.0x39.0	50.0
OSRC-2383		75x50	mild steel-gal	chamfered	30.0		79.5x55.0	74.0

Materials: *polyethylene, polypropylene, mild steel galvanised* Colours: *black, grey/silver*

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RUBBER feet, caps

PART NUMBER	Tube O/D fits inside (mm)	Tube O/D fits inside (inches)	Profile	Colour	Height a (mm)	Head thickness b (mm)	Outside dia. base-top C (mm)	Weight (grams)	Metal seat washer number
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ROUND foot-mild steel ZP "seat" washer inside

ORRC-6090	6.0	1/4"	bulb base, tapered sides	black	19.0	8.0	10.0-13.0	3.0	n/a
ORRC-6091	6.0	1/4"	bulb base, tapered sides	off-white	19.0	8.0	10.0-13.0	3.0	n/a
ORRC-6092	9.8	3/8"	tapered sides	black	25.0	9.0	12.0-22.0	10.0	# 3388
ORRC-6093	9.8	3/8"	tapered sides	off-white	25.0	9.0	12.0-22.0	10.0	# 3388
ORRC-6094	12.7	1/2"	tapered sides	black	27.0	6.0	20.0-25.0	12.0	#3389
ORRC-6095	12.7	1/2"	tapered sides	off-white	27.0	6.0	20.0-25.0	12.0	#3389
ORRC-6101	16.0	5/8"	tapered sides	black	27.0	5.0	19.0-26.0	14.0	#3390
ORRC-6100	16.0	5/8"	tapered sides	off-white	27.0	5.0	19.0-26.0	14.0	#3390
ORRC-6104	19.0	3/4"	tapered sides	black	32.0	7.0	24.0-28.0	18.0	#3391
ORRC-6105	19.0	3/4"	tapered sides	off-white	32.0	7.0	24.0-28.0	18.0	#3391
ORRC-6102	20.6		tapered sides	black	26.0	5.0	24.0-28.0	12.0	n/a
ORRC-6103	20.6		tapered sides	off-white	26.0	5.0	24.0-28.0	12.0	n/a
ORRC-6106	22.3	7/8"	tapered sides	black	36.0	9.0	27.0-34.0	23.0	#3393
ORRC-6107	22.3	7/8"	tapered sides	off-white	36.0	9.0	27.0-34.0	23.0	#3393
ORRC-6108	25.4	1"	convex base,tapered sides	black	26.0	6.5 max	27.0 - 36.0	15.0	#3394
ORRC-6109	25.4	1"	convex base,tapered sides	off-white	26.0	6.5 max	27.0 - 36.0	15.0	#3394
ORRC-6110	32.0		tapered sides	black	44.0	9.0	38.0 - 44.0	45.0	#3396
ORRC-6111	32.0		tapered sides	off-white	44.0	9.0	38.0 - 44.0	45.0	#3396
ORRC-6098	35.0		tapered sides	black	40.0	4.0	40.0 - 47.0	38.0	n/a
ORRC-6099	35.0		tapered sides	off-white	40.0	4.0	40.0 - 47.0	38.0	n/a
ORRC-6112	38.0	1 1/2"	crown	black	45.0	8.0	45.0 - 55.0	60.0	#3398
ORRC-6113	38.0	1 1/2"	crown	off-white	45.0	8.0	45.0 - 55.0	60.0	#3398

HEAVY duty foot, round outside fitting rubber caps or feet, mild steel washer inside

RCT-6218	22.0		bevel	grey	73.0	21.0	29.0 - 50.0	90.0	inc.
RCT-6219	25.0		bevel	light grey	76.0	26.0	29.0 - 50.0	92.0	#3394
RCT-6220	32.0		tapered sides	black	70.0	28.0	38.0 - 49.0	70.0	#3396

ANTI-slip "shoe", for non-tilt & tilting levelling feet

OFRC-6227	27.0		boot	black	11.50	3.50	40.00	13.0	n/a
"shoe" fits over & around the base of a RRAF-5210 non-tilt levelling foot									
OFRC-6230	31.0		boot	black	12.00	4.00	40.00	11.0	n/a
"shoe" fits over and around the base of a TLF-5021,TLFS-5011 tilting levelling feet and RSSF-5360 stainless steel foot									

PART NUMBER	Base O/D C (mm)	Profile	Colour	Height a (mm)	Centre screw hole dia. (mm)	Weight (grams)
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BUFFERS - round with centre hole and "seat" washer

RRB-6226	22.0	tapered side	black	11.0	3.0	3.0
RRB-6225	22.0	tapered side	off-white	11.0	3.0	3.0
RRB-6224	29.0	flat side	black	24.0	6.5	20.0
RRB-6223	29.0	flat side	off-white	24.0	6.5	20.0
RRB-6228	38.0	flat side	black	27.0	7.0	35.0
RRB-6229	38.0	flat side	off-white	27.0	7.0	35.0

BUFFERS - "nail-on"

RNOB-6222	16.0	hemisphere	black	10.0	10mm long nail	3.0
RNOB-6221	16.0	hemisphere	off-white	10.0	10mm long nail	3.0

BUFFERS - for 90° corners

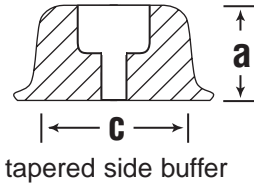
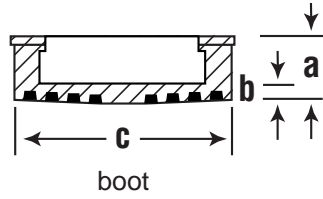
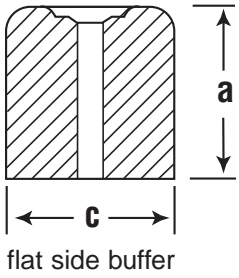
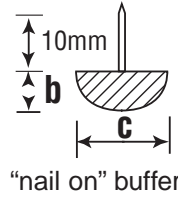
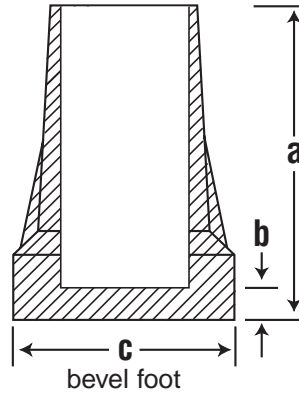
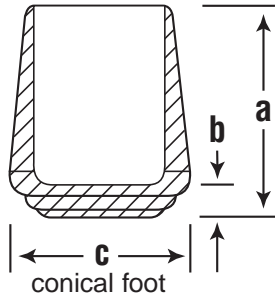
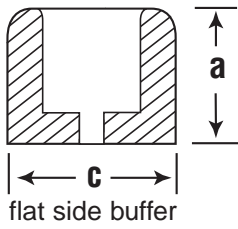
CRB-6232	internal steel core,moulded off-white rubber outer,25mm x 19mm x 65mm inside leg 4 x 5mm fixing holes					145.0
CPB-6235	grey rubber, 25mm thickness, 105mm inside leg, 4 x 6.5m fixing holes with mild steel ZP "seat" washer inside					154.0

Material: 100% natural Rubber Colours: Black, Grey, Off-white & Cream

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& buffers

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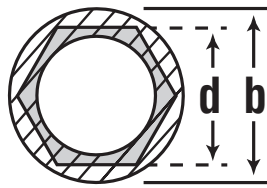
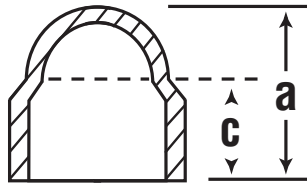


RUBBER feet, caps & buffers

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COVER CAPS



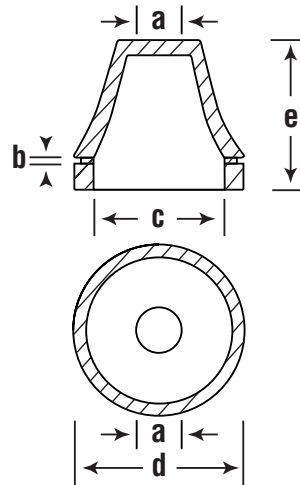
PART NUMBER	SW	To fit	Colour	Outside height a (mm)	Outside width b (mm)	Internal height for hex C (mm)	Internal width d (mm)
RBNC-2527	7	M4	Black	8.3	9.0	3.5	6.9
RBNC-2528	7	M4	White	8.3	9.0	3.5	6.9
RBNC-2529	7	M4	Grey	8.3	9.0	3.5	6.9
RBNC-2530	8	M5	Black	9.5	10.9	5.0	7.9
RBNC-2531	8	M5	White	9.5	10.9	5.0	7.9
RBNC-2532	8	M5	Grey	9.5	10.9	5.0	7.9
RBNC-2533	10	M6	Black	13.0	12.9	6.0	9.8
RBNC-2534	10	M6	White	13.0	12.9	6.0	9.8
RBNC-2535	10	M6	Grey	13.0	12.9	6.0	9.8
RBNC-2536	13	M8	Black	15.0	16.8	7.5	12.8
RBNC-2537	13	M8	White	15.0	16.8	7.5	12.8
RBNC-2538	13	M8	Grey	15.0	16.8	7.5	12.8
RBNC-2557	16	M10	Black	19.5	20.0	9.0	15.7
RBNC-2539	17	M10	Black	19.5	21.3	9.0	16.7
RBNC-2540	17	M10	White	19.5	21.3	9.0	16.7
RBNC-2541	17	M10	Grey	19.5	21.3	9.0	16.7
RBNC-2559	18	M12	Black	20.0	23.0	9.0	17.7
RBNC-2542	19	M12	Black	21.5	23.6	11.0	18.7
RBNC-2543	19	M12	White	21.5	23.6	11.0	18.7
RBNC-2544	19	M12	Grey	21.5	23.6	11.0	18.7
RBNC-2545	22	M14	Black	24.0	26.4	12.5	21.6
RBNC-2546	22	M14	White	24.0	26.4	12.5	21.6
RBNC-2547	22	M14	Grey	24.0	26.4	12.5	21.6
RBNC-2548	24	M16	Black	27.0	29.8	14.0	23.7
RBNC-2549	24	M16	White	27.0	29.8	14.0	23.7
RBNC-2550	24	M16	Grey	27.0	29.8	14.0	23.7
RBNC-2551	30	M20	Black	33.2	37.4	17.0	29.8
RBNC-2552	30	M20	White	33.2	37.4	17.0	29.8
RBNC-2553	30	M20	Grey	33.2	37.4	17.0	29.8
RBNC-2554	36	M24	Black	39.8	44.0	20.0	35.7
RBNC-2555	36	M24	White	39.8	44.0	20.0	35.7
RBNC-2556	36	M24	Grey	39.8	44.0	20.0	35.7

larger sizes are available on request (ie; M27-M45)

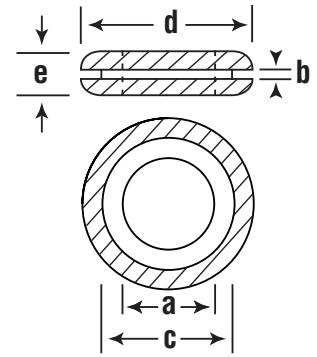
Materials: LD-PE

Colours: black, white, grey

GROMMETS - open & sealing



sealing grommet



open grommet

PART NUMBER	Centre hole a (mm)	Centre hole a (inches)	Panel thickness b (mm)	Panel hole C (mm)	Outside diameter d (mm)	Overall thickness e (mm)	Material	Weight (grams)
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GROMMETS, standard open type

GSO-2436	4.8		1.2	6.4	9.5	6.4	rubber	0.5
GSO-2437	4.8		1.6	6.4	10.3	5.5	rubber	0.5
GSO-2438	5.0		1.6	8.0	11.0	6.0	PVC soft	0.5
GSO-2439	6.4	1/4"	1.6	12.7	15.0	8.0	rubber	0.5
GSO-2440	7.0		1.5	12.0	16.0	7.0	rubber	1.0
GSO-2441	8.0		2.0	12.7	17.5	7.2	rubber	1.0
GSO-2442	9.5	3/8"	1.6	12.7	16.0	6.4	rubber	1.0
GSO-2443	10.0		1.6	13.0	18.0	6.0	PVC soft	1.0
GSO-2444	10.0		2.0	12.0	17.5	7.0	PVC soft	1.0
GSO-2445	12.0		1.6	15.0	20.0	7.0	PVC soft	2.0
GSO-2446	12.7	1/2"	1.2	19.0	27.0	8.0	rubber	3.0
GSO-2447	12.7	1/2"	1.6	22.3	28.6	6.4	rubber	3.0
GSO-2448	15.0		1.6	18.6	22.3	6.4	rubber	2.0
GSO-2449	16.0		1.6	20.2	22.3	8.0	rubber	3.0
GSO-2450	19.0		2.0	27.0	31.8	8.0	rubber	4.0
GSO-2451	19.05	3/4"	1.6	25.4	31.8	8.0	rubber	3.0
GSO-2452	22.2	7/8"	1.6	28.6	36.5	9.5	rubber	6.0
GSO-2453	25.4	1"	1.6	35.0	41.3	8.0	rubber	6.0
GSO-2454	25.4	1"	1.6	46.0	57.1	12.7	rubber	7.0
GSO-2455	30.2	1 5/16"	1.6	33.4	41.3	6.4	rubber	3.0
GSO-2456	31.8	1 1/4"	1.6	38.1	44.5	8.0	rubber	6.0
GSO-2457	31.8	1 1/4"	2.0	38.1	46.0	9.5	rubber	10.0
GSO-2458	38.1	1 1/2"	1.2	44.4	54.0	10.7	rubber	13.0
GSO-2459	38.1	1 1/2"	1.6	44.4	54.0	11.1	rubber	14.0
GSO-2460	50.8	2"	1.2	57.2	66.7	10.7	rubber	18.0
GSO-2461	50.8	2"	1.6	57.2	66.7	11.1	rubber	20.0
GSO-2462	60.3		1.6	69.8	100.0	8.0	rubber	18.0
GSO-2463	76.2	3 1/4"	1.6	82.5	92.0	7.9	PVC	15.0

PART NUMBER	Cable or conduit diameter a (mm)	Panel thickness b (mm)	Panel hole diameter C (mm)	Outside diameter d (mm)	Material	Weight (grams)
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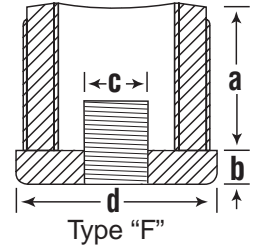
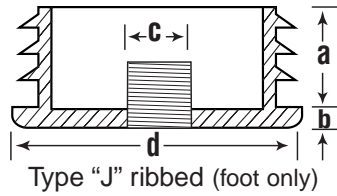
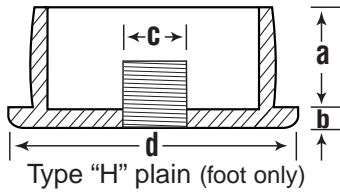
GROMMETS, weather resistant, sealing type

Designed to achieve a flexible, dust proof and watertight seal around cables and conduits as they pass through panel material having a thickness from 1.0 to 4.0mm. the grommets have been tested in accordance with BS EN60529: 1992 and reached a standard of IP 66/67

GACH-2471	5.0-7.0	1.0-4.0	16.0	21.0	EPDM	2.0
GACH-2472	7.0-10.0	1.0-4.0	19.0	24.0	EPDM	4.0
GACH-2473	10.0-14.0	1.0-4.0	23.0	28.0	EPDM	6.0
GACH-2474	14.0-20.0	1.0-4.0	29.0	34.0	EPDM	8.0

Easy to use. Press the grommet into the recommended size panel hole, insert the cable or conduit from the funnel side of the grommet, once in position pull back gently to secure.

ROUND threaded



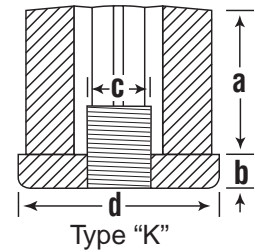
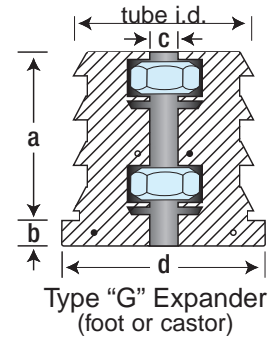
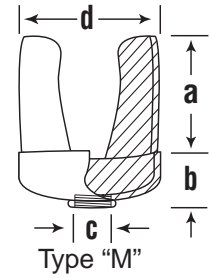
PART NUMBER	Tube O/D x wall thickness METRIC d (mm)	Application	Thread size C (mm)	Type	Shank length a (mm)	Head thickness b (mm)	Thread stop (mm)	Max static load (kgs)*	Section profile	Housing material	Weight (grams)	Thread material
new RTTI-5640	16 x 1.6 (5/8"x16g)	foot	M6	ribbed	34.0	5.0	10.0	100	J	nylon	14.0	mild steel ZP
new RTTI-5641	16 x 1.6 (5/8"x16g)	foot	M8	ribbed	34.0	5.0	20.0	100	J	nylon	12.0	nylon
new RTSi-5642	19 x 1.2-1.6 (3/4"x18/16g)	foot	M6	spring	15.0	2.0	15.0	100	H	spring steel	20.0	mild steel ZP
new RTTI-5643	19 x 1.6 (3/4"x16g)	foot	M8	ribbed	34.0	5.0	15.0	100	J	nylon	15.0	mild steel ZP
new RTTI-5644	20 x 1.6	foot	M6	ribbed	34.0	5.0	15.0	100	J	nylon	15.0	mild steel ZP
RETI-5825	20 x 1.6	foot or castor	M8	expander	36.0	5.0	38.0	300	G	nylon	15.0	mild steel ZP
new RTTI-5645	20 x 1.6-6	foot	M8	ribbed	34.0	5.0	15.0	100	J	nylon	18.0	mild steel ZP
new RTTI-5375	22 x 1.6	foot	M8	ribbed	16.5	5.0	19.5	300	J	nylon	4.5	nylon
RETI-5827	22 x 1.6	foot or castor	M8	expander	36.0	5.0	38.0	300	G	nylon	16.0	mild steel ZP
new RTTI-5646	25 x 1.6-2	foot	M8	ribbed	34.0	5.0	18.0	100	J	nylon	20.0	mild steel ZP
RTTI-5828	25 x 1.6-2.0	foot	M8	ribbed	32.0	5.0	12.0	300	J	nylon	13.0	mild steel ZP
RETI-5893	25 x 1.6	foot or castor	M10	expander	36.0	5.0	30.0	300	G	nylon	30.0	mild steel ZP
RTTI-5829	25 x 1.6-2.0	foot	M10	ribbed	16.0	5.0	15.0	300	J	nylon	6.0	nylon
new RTTI-5668	25 x 1.6 (& 1"x16g)	foot	M10	plain	21.0	10.5	8.0	500	M	mild steel ZP	22.0	mild steel ZP
RETI-5894	25 x 1.6	foot or castor	M12	expander	36.0	5.0	30.0	300	G	nylon	36.0	mild steel ZP
new RTTI-5376	25 x 1.6-2.0	foot	M12	ribbed	16.5	5.0	19.5	300	J	nylon	5.0	nylon
RTTI-5830	30 x 1.6-2.0	foot	M8	ribbed	16.0	5.0	15.0	300	J	nylon	8.0	nylon
RETI-5826	30 x 1.6	foot or castor	M10	expander	36.0	nil	38.0	300	G	nylon	36.0	mild steel ZP
RTTI-5831	30 x 1.6-2.0	foot	M10	ribbed	32.0	5.0	15.0	300	J	nylon	22.0	mild steel ZP
new RTTI-5377	30 x 1.6	foot	M12	ribbed	16.5	5.0	19.5	300	J	nylon	8.0	nylon
RETI-5771	30 x 1.6	foot or castor	M12	expander	36.0	nil	38.0	300	G	nylon	36.0	mild steel ZP
RETI-5892	32 x 1.6 (11/4"x16g)	foot or castor	M8	expander	35.0	5.0	35.0	300	G	nylon	32.0	mild steel ZP
RTTI-5832	32 x 1.6-2.0 (11/4"x16/14g)	foot	M8	ribbed	32.0	5.0	15.0	300	J	nylon	10.0	nylon
RETI-5872	32 x 1.6 (11/4"x16g)	foot or castor	M10	expander	35.0	5.0	35.0	300	G	nylon	35.0	mild steel ZP
new RTTI-5773	32 x 1.6 (11/4"x16g)	foot	M10	plain	15.0	5.0	18.0	800	K	zinc	41.0	zinc diecast
RTTI-5833	32 x 1.6-2.0 (11/4"x16/14g)	foot	M10	ribbed	32.0	5.0	15.0	300	J	nylon	12.0	nylon
new RTTI-5378	32 x 1.6-2.0 (11/4"x16/14g)	foot	M12	ribbed	16.5	5.0	19.5	300	J	nylon	8.0	nylon
RETI-5895	32 x 1.6 (11/4"x16g)	foot or castor	M12	expander	35.0	5.0	35.0	300	G	nylon	34.0	mild steel ZP
RDPI-5896	32 x 1.6 (11/4"x16g)	foot or castor	M16	plain	38.0	7.0	13.0	250	F	nylon	34.0	mild steel ZP
new RTTI-5850	33.7 x 2-2.6 (25nbi)	foot	M10	ribbed	32.0	5.0	15.0	300	G	nylon	38.0	mild steel ZP
new RTTI-5852	33.7 x 2-2.6 (25nbi)	foot	M12	ribbed	32.0	5.0	15.0	300	G	nylon	40.0	mild steel ZP
new RTTI-5381	35 x 1.6-2.0	foot	M8	ribbed	24.0	5.0	17.0	300	J	nylon	14.0	nylon
new RTTI-5379	35 x 1.6-2.0	foot	M10	ribbed	24.0	5.0	17.0	300	J	nylon	14.0	nylon
RETI-5824	35 x 1.6	foot or castor	M10	expander	34.0	5.0	36.0	300	G	nylon	42.0	mild steel ZP
new RTTI-5380	38 x 1.6-2.0	foot	M12	ribbed	24.0	5.0	17.0	300	J	nylon	14.0	nylon
new RTTI-5383	38 x 1.6-2.0 (11/2"x16/18g)	foot	M8	ribbed	24.0	5.0	17.0	300	J	nylon	17.0	nylon
RETI-5891	38 x 1.6 (11/2"x16g)	foot or castor	M10	expander	35.0	5.0	30.0	300	G	nylon	48.0	mild steel ZP
new RTTI-5774	38 x 1.6 (11/2"x16g)	foot	M10	plain	15.0	5.0	18.0	800	K	zinc	38.0	zinc diecast
new RTTI-5669	38 x 1.6 (11/2"x16g)	foot	M10	plain	35.0	8.0	20.0	5500	K	PA GF	60.0	mild steel ZP
RTTI-5837	38 x 1.6-2.0 (11/2"x16/18g)	foot	M10	ribbed	25.0	5.0	15.0	300	J	nylon	16.0	nylon
new RTTI-5382	38 x 1.6-2.0	foot	M12	ribbed	24.0	5.0	19.5	300	J	nylon	16.0	nylon
RETI-5790	38 x 1.6 (11/2"x16g)	foot or castor	M12	expander	35.0	5.0	30.0	300	G	nylon	48.0	mild steel ZP
RDPI-5791	38 x 1.6 (11/2"x16g)	foot	M16	plain	38.0	7.0	13.0	300	F	nylon	42.0	Stainless steel
RDPI-5897	38 x 1.6 (11/2"x16g)	foot	M20	plain	38.0	7.0	13.0	300	F	nylon	38.0	mild steel ZP
RTTI-5834	42 x 1.6-2.0	foot	M8	ribbed	24.0	5.0	15.0	300	J	nylon	34.0	nylon
new RTTI-5384	42 x 1.6-2.0	foot	M12	ribbed	24.0	5.0	19.5	300	J	nylon	21.0	nylon
RTTI-5835	42.4 x 2-2.6 (32nbi)	foot	M10	ribbed	31.0	5.0	12.0	300	J	nylon	36.0	mild steel ZP
new RTTI-5772	42.4 x 2-2.6 (32nbi)	foot	M12	ribbed	33.0	5.0	12.0	300	J	nylon	38.0	mild steel ZP
new RTTI-5658	48.3 x 2.3-2.9 (40nbi)	foot	M10	ribbed	33.0	5.0	15.0	300	G	nylon	52.0	mild steel ZP
new RTTI-5660	48.3 x 2.3-2.9 (40nbi)	foot	M12	ribbed	33.0	5.0	15.0	300	G	nylon	54.0	mild steel ZP
new RTTI-5388	50 x 1.6-2.0	foot	M8	ribbed	24.0	5.0	19.5	300	J	nylon	31.0	nylon
RETI-5873	50 x 1.6	foot or castor	M10	expander	32.0	5.0	37.0	300	G	nylon	68.0	mild steel ZP
new RTTI-5668	50 x 1.6	foot	M10	plain	38.0	11.0	20.0	8500	K	PA GF	86.0	mild steel ZP
new RTTI-5836	50 x 1.6-2.0	foot	M10	ribbed	22.0	6.0	28.0	50	J	PE	22.0	PE
RETI-5875	50 x 2.0	foot or castor	M10	expander	32.0	5.0	37.0	300	G	nylon	68.0	mild steel ZP

ROUND threaded tube inserts

tube inserts

flexlinerTM
engineering

Quality components



PART NUMBER	Tube O/D x wall thickness METRIC d (mm)	Application	Thread size C (mm)	Type	Shank length a (mm)	Head thickness b (mm)	Thread stop (mm)	Max static load (kgs)*	Section profile	Housing material	Weight (grams)	Thread material
new RTTi-5390	50 x 2-2.5	foot	M10	ribbed	25.5	8.0	10.0	250	J	nylon	32.0	nylon
REti-5874	50 x 1.6	foot or castor	M12	expander	32.0	5.0	37.0	300	G	nylon	72.0	mild steel ZP
new RTTi-5385	50 x 1.6-2.0	foot	M12	ribbed	24.0	5.0	19.0	300	J	nylon	30.0	nylon
REti-5861	50 x 2.0	foot or castor	M12	expander	32.0	5.0	37.0	300	G	nylon	72.0	mild steel ZP
new RTTi-5389	50 x 2.5	foot	M12	ribbed	35.0	5.0	15.0	300	J	nylon	50.0	mild steel ZP
new REti-5770	50 x 3.0	foot or castor	M12	expander	32.0	5.0	37.0	300	G	nylon	72.0	mild steel ZP
RDPI-5898	50 x 1.6	foot	M16	plain	44.0	11.0	15.0	1000	K	nylon	90.0	mild steel ZP
RDPI-5899	50 x 1.6	foot	M20	plain	44.0	11.0	15.0	1000	K	nylon	95.0	mild steel ZP
new RTTi-5387	50.8 x 1-1.6 (2"x 22/16g)	foot	M8	plain	24.0	5.0	19.5	300	J	nylon	35.0	nylon
new RTTi-5386	50.8 x 1-1.6 (2"x 22/16g)	foot	M10	plain	24.0	5.0	19.5	300	J	nylon	35.0	nylon
new RDPI-5876	50.8 x 1-1.6 (2"x 22/16g)	foot	M12	plain	24.0	5.0	19.5	300	F	nylon	35.0	nylon
RDPI-5877	50.8 x 1.6 (2"x16g)	foot	M16	plain	38.0	7.0	13.0	450	F	nylon	95.0	Stainless steel
RDPI-5900	50.8 x 1.6 (2"x16g)	foot	M20	plain	38.0	7.0	28.0	450	F	nylon	105.0	mild steel ZP
new REti-5838	60 x 2	foot or castor	M10	expander	35.0	3.0	33.0	300	G	nylon	82.0	mild steel ZP
new REti-5648	60.3 x 2.5 (50nbi)	foot or castor	M10	expander	34.0	5.0	35.0	300	J	nylon	85.0	mild steel ZP
new RTTi-5662	60.3 x 2.3-2.9 (50nbi)	foot	M10	ribbed	32.0	5.0	35.0	300	G	nylon	85.0	mild steel ZP
new RTTi-5664	60.3 x 2.3-2.9 (50nbi)	foot	M12	ribbed	32.0	5.0	35.0	300	G	nylon	88.0	mild steel ZP

Expanders use the "Rawplug" effect, Expander inserts are made of 2 matching moulded Nylon pieces with 2 hex nuts sitting inside the tapered conical cavities. Tightening a threaded bolt or screw into the Expander for attaching a castor to a square tube presses the hex nuts downward, making the outer walls of the insert move sideways tightly gripping the inner wall of the tube, this is known as the "Rawplug" effect.

- (1) EXPANDERS, when used to attach a castor **MUST have the bolt or screw tightened fully** to allow the insert pieces to expand and grip the inside of the tube
- (2) THREAD STOP, the distance measured from the top of the insert head to the end of the female thread inside the insert.
- (3) *Stainless steel threads available for 5891, 5892 & 5893 and most of the "EXPANDER" range

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ROUND threaded tube inserts

SQUARE threaded

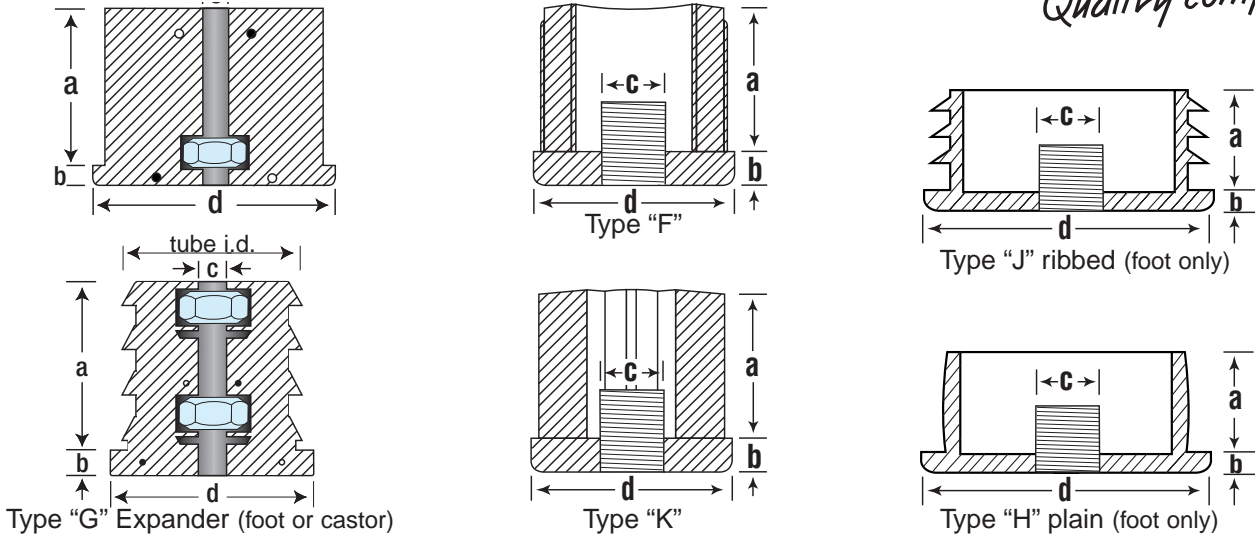
PART NUMBER	Tube size x wall thickness METRIC d (mm)	Application	Thread size C (mm)	Type	Shank Length a (mm)	Head thickness b (mm)	Thread stop (mm)	Max static load (kgs)*	Housing profile	Housing material	Weight (grams)	Thread material
STTi-5850	16 x 16 x 1-2 (5/8"x 5/8"x 20/14g)	foot	M6	ribbed	11.0	6.0	4.0	50	J	PE	2.0	mild steel ZP
new STTi-5610	16 x 16 x 1-1.6 (5/8"x 5/8"x 20/16g)	foot	M8	ribbed	18.0	5.0	23.0	50	J	PE	3.0	PE
new STTi-5611	19 x 19 x 1.2 (3/4"x 3/4"x 18g)	foot	M8	plain	12.0	4.0	10.0	150	H	H.I.P.*	8.0	H.I.P.*
new STTi-5612	19 x 19 x 1.6 (3/4"x 3/4"x 16g)	foot	M8	plain	12.0	4.0	10.0	150	H	H.I.P.*	8.0	H.I.P.*
new STTi-5613	20 x 20 x 1.6-2.0	foot	M6	ribbed	34.0	5.0	10.0	100	G	nylon	10.0	mild steel ZP
SETi-5609	20 x 20 x 1.6	foot	M6	expander	37.0	5.0	35.0	300	J	nylon	15.0	mild steel ZP
STTi-5851	20 x 20 x 1.6-2.0	foot	M8	ribbed	17.0	5.0	15.0	300	J	nylon	9.0	nylon
SETi-5858	20 x 20 x 1.6	foot or castor	M8	expander	36.0	5.0	38.0	300	G	nylon	17.0	mild steel ZP
new STTi-5615	20 x 20 x 1.6-2.0	foot	M10	ribbed	33.0	10.0	12.0	300	G	nylon	22.0	mild steel ZP
new STTi-5616	20 x 20 x 1.6-2.0	foot	M12	ribbed	34.0	5.0	20.0	100	J	nylon	10.0	nylon
new SETi-5617	22 x 22 x 1.6	foot or castor	M8	expander	35.0	5.0	35.0	300	G	nylon	25.0	mild steel ZP
STTi-5785	22 x 22 x 1.6-2.0	foot	M8	ribbed	17.0	5.0	15.0	300	J	nylon	6.0	nylon
new STTi-5618	22 x 22 x 1.6-2.0	foot	M10	ribbed	34.0	5.0	20.0	100	J	nylon	12.0	nylon
new STTi-5619	22 x 22 x 1.6-2.0	foot	M12	ribbed	34.0	5.0	20.0	150	J	nylon	10.0	nylon
STTi-5852	25 x 25 x 1.6-2.0	foot	M8	ribbed	17.0	5.0	15.0	300	J	nylon	8.0	nylon
new SETi-5620	25 x 25 x 1.6	foot or castor	M8	expander	36.0	5.0	38.0	300	G	nylon	30.0	mild steel ZP
STTi-5853	25 x 25 x 1.6-2.0	foot	M10	ribbed	17.0	5.0	15.0	300	J	nylon	8.0	nylon
SETi-5801	25 x 25 x 1.6	foot or castor	M10	expander	36.0	5.0	38.0	300	G	nylon	33.0	mild steel ZP
STZi-5775	25 x 25 x 1.6	foot	M10	plain	17.0	5.0	18.0	800	H	zinc diecast	41.0	zinc diecast
new STZi-5621	25 x 25 x 2	foot	M10	plain	17.0	5.0	18.0	800	H	zinc diecast	36.0	zinc diecast
new STTi-5622	25.4 x 25.4 x 1.2-1.6	foot	M8	ribbed	15.0	4.0	10.0	150	J	PP	7.0	PP
new STTi-5623	25.4 x 25.4 x 1.6 (1"x 1"x 16g)	foot	M8	plain	13.0	10.0	5.0	300	M	mild steel ZP	20.0	mild steel ZP
STTi-5624	25.4 x 25.4 x 1.6 (1"x 1"x 16g)	foot	M10	plain	14.0	11.0	5.0	350	M	mild steel ZP	26.0	mild steel ZP
STTi-5625	25.4 x 25.4 x 1.6 (1"x 1"x 16g)	foot	M10	plain	13.0	10.0	5.0	500	M	mild steel ZP	27.0	mild steel ZP
STTi-5425	25.4 x 25.4 x 1.6-2 (1"x 1"x 16/14g)	foot	M12	ribbed	62.0	8.0	70.0	300	H	nylon	31.0	nylon
STTi-5426	25.4 x 25.4 x 1.6 (1"x 1"x 16g)	foot or castor	M16	plain	62.0	8.0	70.0	300	H	nylon	25.0	nylon
STTi-5626	25 x 25 x 1.6-2.0	foot	M12	ribbed	17.0	5.0	15.0	300	J	nylon	7.0	nylon
SETi-5802	25 x 25 x 1.6	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	41.0	mild steel ZP
STTi-5627	25 x 25 x 1.6-2.0	foot	M16	ribbed	34.0	5.0	38.0	150	J	nylon	15.0	nylon
SLTi-5803	25 x 25 x 1.6	foot	M16	plain	39.0	5.0	16.0	250	F	nylon	26.0	StainlessSteel
STTi-5628	30 x 30 x 1.6-2.0	foot	M8	ribbed	17.0	5.0	15.0	300	G	H.I.P.*	10.0	nylon
SETi-5629	30 x 30 x 1.6	foot or castor	M8	expander	37.0	5.0	38.0	300	G	nylon	40.0	mild steel ZP
SETi-5630	30 x 30 x 2.0	foot or castor	M8	expander	37.0	5.0	35.0	300	G	nylon	35.0	mild steel ZP
STTi-5854	30 x 30 x 1.6-2.0	foot	M10	ribbed	17.0	5.0	15.0	300	G	nylon	11.0	nylon
new STTi-5863	30 x 30 x 2.5-3.0	foot	M10	ribbed	16.0	5.0	15.0	300	G	nylon	9.0	nylon
new STTi-5776	30 x 30 x 1.6	foot	M10	plain	15.0	5.0	18.0	800	H	zinc diecast	48.0	zinc diecast
SETi-5810	30 x 30 x 1.6	foot or castor	M10	expander	36.0	5.0	38.0	300	G	nylon	45.0	mild steel ZP
new SETi-5859	30 x 30 x 2.0	foot or castor	M10	expander	47.0	5.0	35.0	300	G	nylon	38.0	mild steel ZP
STZi-5631	30 x 30 x 2.0	foot	M10	plain	17.0	5.0	18.0	800	H	zinc diecast	48.0	zinc diecast
new STZi-5632	30 x 30 x 2.5	foot	M10	plain	17.0	5.0	18.0	800	H	zinc diecast	52.0	zinc diecast
new STTi-5633	30 x 30 x 1.6-2.0	foot	M12	ribbed	17.0	5.0	15.0	300	G	nylon	10.0	nylon
new STTi-5634	30 x 30 x 2-2.5	foot	M12	ribbed	17.0	5.0	15.0	300	G	nylon	7.0	nylon
SETi-5821	30 x 30 x 1.6	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	42.0	mild steel ZP
new STZi-5635	30 x 30 x 2.0	foot	M12	plain	17.0	5.0	18.0	800	H	zinc diecast	51.0	nylon
new STTi-5636	30 x 30 x 1.6-2.0	foot	M16	ribbed	25.0	5.0	35.0	150	G	nylon	32.0	nylon
new STTi-5637	30 x 30 x 3.0	foot	M16	ribbed	26.0	5.0	15.0	150	G	nylon	30.0	nylon
SETi-5789	31.75 x 31.75 x 1.6 (1 1/4"x 1 1/4"x 16g)	foot or castor	M10	expander	36.0	5.0	37.0	300	G	nylon	43.0	mild steel ZP
new SETS-5787	31.75 x 31.75 x 1.6 (1 1/4"x 1 1/4"x 16g)	foot or castor	M10	expander	36.0	5.0	37.0	300	G	nylon	43.0	StainlessSteel
SETi-5804	31.75 x 31.75 x 1.6 (1 1/4"x 1 1/4"x 16g)	foot or castor	M12	expander	36.0	5.0	37.0	300	G	nylon	40.0	mild steel ZP
new SETS-5638	31.75 x 31.75 x 1.6 (1 1/4"x 1 1/4"x 16g)	foot or castor	M12	expander	36.0	5.0	37.0	300	G	nylon	43.0	StainlessSte
STTi-5864	32 x 32 x 1.2	foot or castor	M8	plain	15.0	7.0	20.0	200	H	H.I.P.*	12.0	H.I.P.*

Expanders use the "Rawplug" effect, Expander inserts are made of 2 matching moulded Nylon pieces with 2 hex nuts sitting inside the tapered conical cavities. Tightening a threaded bolt or screw into the Expander for attaching a castor to a square tube presses the hex nuts downward, making the outer walls of the insert move sideways tightly gripping the inner wall of the tube, this is know as the "Rawplug" effect.

- (1) H.i.P. plain inserts are not suitable for shock loads
- (2) EXPANDERS, MUST have the bolt or screw tightened fully to allow the insert pieces to expand and grip the inside of the tube
- (3) THREAD STOP, the distance measured from the top of the insert head to the end of the female thread inside the insert.
- (4) *Stainless steel threads available for 5891, 5892 & 5893 and most of the "EXPANDER" range

SQUARE threaded tube inserts

tube inserts



We **DO NOT** recommend using *ribbed threaded inserts* for castor attachment. Use the "expanding" threaded inserts or plain H.I.P. type, with adhesive.

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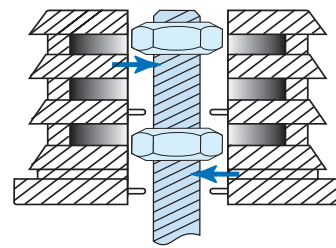
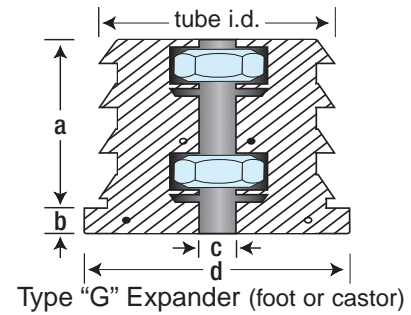
SQUARE threaded tube inserts

	PART NUMBER	Tube size x wall thickness METRIC d (mm)	Application	Thread size C (mm)	Type	Shank Length a (mm)	Head thickness b (mm)	Thread stop (mm)	Max static load (kgs)*	Housing profile	Housing material	Weight (grams)	Thread material
new	STTi-5639	32 x 32 x 1.6-2	foot	M8	ribbed	24.0	5.0	15.0	300	J	nylon	14.0	nylon
	STTi-5867	32 x 32 x 1.2	foot or castor	M10	plain	15.0	7.0	22.0	250	H	H.I.P.*	12.0	H.I.P.*
new	STTi-5405	32 x 32 x 1.6-2	foot	M10	ribbed	24.0	5.0	15.0	300	J	nylon	14.0	nylon
new	STTi-5406	32 x 32 x 2.0	foot or castor	M10	expander	37.0	5.0	37.0	300	J	nylon	45.0	nylon
new	STTi-5407	32 x 32 x 1.6-2	foot	M12	ribbed	24.0	5.0	15.0	300	J	nylon	13.0	nylon
	STTi-5806	32 x 32 x 1.6-2.0	foot	M16	plain	39.0	6.0	28.0	350	F	nylon	48.0	StainlessSteel
	STTi-5427	32 x 32 x 1.6-2.0	foot	M20	plain	80.0	8.0	88.0	500	H	nylon	32.0	nylon
new	STTi-5408	35 x 35 x 1.6-2.0	foot	M8	ribbed	24.0	5.0	15.0	300	G	nylon	17.0	nylon
new	STTi-5855	35 x 35 x 1.6-2.0	foot	M10	ribbed	17.0	7.0	15.0	300	J	nylon	18.0	nylon
	SETi-5811	35 x 35 x 1.6	foot or castor	M10	expander	36.0	5.0	38.0	300	G	nylon	50.0	mild steel ZP
new	STTi-5409	35 x 35 x 1.6-2.0	foot	M12	ribbed	24.0	5.0	15.0	300	G	nylon	16.0	nylon
	SETi-5784	35 x 35 x 1.6	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	45.0	mild steel ZP
new	STTi-5410	38 x 38 x 1.6-2.0	foot	M8	ribbed	24.0	5.0	15.0	300	G	nylon	21.0	nylon
new	STTi-5411	38 x 38 x 1.6-2.0	foot	M10	ribbed	24.0	5.0	15.0	300	G	nylon	21.0	nylon
	SETi-5805	38.1 x 38.1 x 1.6	foot or castor	M10	expander	36.0	5.0	38.0	300	G	nylon	55.0	mild steel ZP
	SETS-5813	38.1 x 38.1 x 1.6	foot or castor	M10	expander	36.0	5.0	38.0	300	G	nylon	55.0	StainlessSteel
new	STTi-5412	38 x 38 x 1.6-2.0	foot	M12	ribbed	24.0	5.0	15.0	300	J	nylon	20.0	nylon
new	SETi-5807	38.1 x 38.1 x 1.6 (11/2"x 11/2"x 16g)	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	52.0	mild steel ZP
new	STTi-5413	38 x 38 x 1.6	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	52.0	StainlessSteel
	SLTi-5809	38 x 38 x 1.0-1.6	foot	M16	plain	41.0	4.0	16.0	200	F	nylon	90.0	brass-nickel plt
	STTi-5871	38 x 38 x 2.5	foot or castor	M12	plain	19.0	8.0	25.0	300	H	H.I.P.*	20.0	H.I.P.*
	STTi-5879	38 x 38 x 1.6	foot	M20	plain	41.0	4.0	15.0	500	F	nylon	105.0	mild steel ZP
new	STTi-5414	40 x 40 x 1.6-2.0	foot	M8	ribbed	24.0	5.0	15.0	300	J	nylon	24.0	nylon
new	STTi-5856	40 x 40 x 1.0-2.0	foot	M10	ribbed	24.0	5.0	15.0	300	J	nylon	22.0	nylon
new	STTi-5777	40 x 40 x 1.6	foot or castor	M10	plain	17.0	5.0	18.0	800	H	zinc	91.0	zinc diecast
	SETi-5812	40 x 40 x 1.6	foot or castor	M10	expander	36.0	5.0	38.0	300	G	nylon	60.0	mild steel ZP
new	SETi-5415	40 x 40 x 2.0	foot or castor	M10	expander	37.0	5.0	38.0	300	G	nylon	60.0	mild steel ZP
new	SETi-5416	40 x 40 x 2.0	foot	M10	plain	17.0	4.0	22.0	800	H	zinc diecast	88.0	zinc diecast
new	SETi-5417	40 x 40 x 2.5	foot	M10	plain	15.0	5.0	20.0	500	H	zinc diecast	82.0	zinc diecast
new	STTi-5418	40 x 40 x 1.6-2.0	foot	M12	ribbed	24.0	5.0	15.0	300	J	nylon	23.0	mild steel ZP
	SETi-5873	40 x 40 x 1.6	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	55.0	mild steel ZP
new	SETi-5423	40 x 40 x 2.0	foot or castor	M12	expander	36.0	5.0	38.0	300	G	mild steel ZP	55.0	mild steel ZP
new	STTi-5424	40 x 40 x 1.6-2.0	foot	M16	ribbed	34.0	5.0	20.0	150	G	nylon	25.0	nylon
new	STTi-5849	50 x 50 x 1.6-2.0	foot	M8	ribbed	24.0	5.0	15.0	300	J	nylon	37.0	nylon
new	STTi-5857	50 x 50 x 1.6-2.0	foot	M10	ribbed	24.0	5.0	15.0	300	J	nylon	38.0	nylon
	SETi-5795	50 x 50 x 1.6	foot or castor	M10	expander	36.0	5.0	38.0	300	G	nylon	90.0	mild steel ZP
	STTi-5869	50 x 50 x 2.0	foot	M10	plain	32.0	5.0	13.0	300	H	nylon	40.0	mild steel ZP
new	STTi-5419	50 x 50 x 2.5	foot	M10	plain	33.0	5.0	15.0	300	G	nylon	42.0	nylon
new	STTi-5420	50 x 50 x 1.6-2.0	foot	M12	ribbed	24.0	5.0	15.0	300	J	nylon	37.0	nylon
	SETi-5796	50 x 50 x 1.6	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	85.0	mild steel ZP
	SETi-5786	50 x 50 x 2.0	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	90.0	mild steel ZP
	SETi-5798	50 x 50 x 2.5-3.0	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	90.0	mild steel ZP
new	SLTi-5799	50 x 50 x 1.6	foot	M16	plain	80.0	8.0	88.0	500	K	nylon	147.0	nylon
	SLTi-5800	50 x 50 x 1.6	foot	M20	plain	44.0	11.0	25.0	600	K	nylon	103.0	brass-nickel plt
	SLTi-5820	50.8 x 50.8 x 1.6-2.0 (2"x 2"x 16/14g)	foot	M10	plain	39.0	8.0	28.0	500	F	nylon	96.0	brass-nickel plt
	SETi-5782	50.8 x 50.8 x 1.6 (2"x 2"x 16g)	foot or castor	M10	expander	36.0	5.0	38.0	300	G	nylon	75.0	mild steel ZP
new	SETS-5421	50.8 x 50.8 x 1.6 (2"x 2"x 16g)	foot or castor	M10	expander	36.0	5.0	38.0	300	G	nylon	75.0	StainlessSteel
	SETi-5794	50.8 x 50.8 x 1.6 (2"x 2"x 16g)	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	95.0	mild steel ZP
new	SETS-5422	50.8 x 50.8 x 1.6 (2"x 2"x 16g)	foot or castor	M12	expander	36.0	5.0	38.0	300	G	nylon	95.0	StainlessSteel
	SLTi-5822	50.8 x 50.8 x 1.6-2.0	foot	M12	plain	39.0	8.0	28.0	750	F	nylon	118.0	brass-nickel plt
	SLTi-5814	50.8 x 50.8 x 1.6-2.0 (2"x 2"x 16/14g)	foot	M16	plain	39.0	8.0	15.0	750	F	nylon	125.0	brass-nickel plt
	SLTi-5818	50.8 x 50.8 x 1.6-2.0 (2"x 2"x 16/14g)	foot	M20	plain	39.0	8.0	15.0	750	F	nylon	132.0	brass-nickel plt

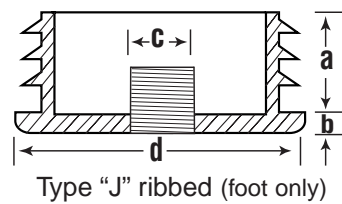
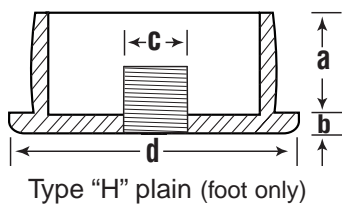
Expanders use the "Rawplug" effect, Expander inserts are made of 2 matching moulded Nylon pieces with 2 hex nuts sitting inside the tapered conical cavities. Tightening a threaded bolt or screw into the Expander for attaching a castor to a square tube presses the hex nuts downward, making the outer walls of the insert move sideways tightly gripping the inner wall of the tube, this is known as the "Rawplug" effect.

- (1) H.i.P. plain inserts are not suitable for shock loads
- (2) EXPANDERS, MUST have the bolt or screw tightened fully to allow the insert pieces to expand and grip the inside of the tube
- (3) THREAD STOP, the distance measured from the top of the insert head to the end of the female thread inside the insert.
- (4) *Stainless steel threads available for 5891, 5892 & 5893 and most of the "EXPANDER" range

RECTANGLE threaded tube inserts



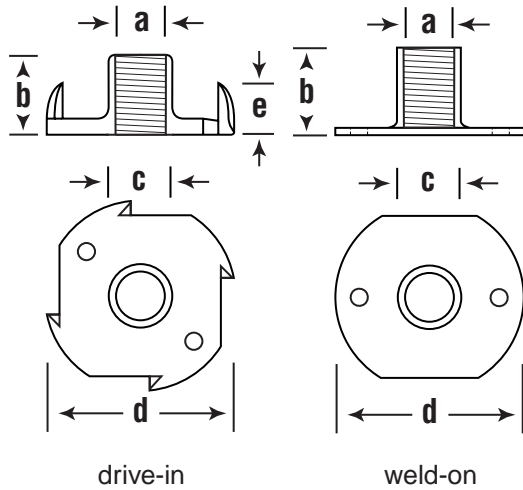
PART NUMBER	Tube size x wall thickness METRIC d (mm)	Application	Thread size C (mm)	Type	Shank Length a (mm)	Head thickness b (mm)	Thread stop (mm)	Max static load (kgs)*	Housing profile	Material	Weight (grams)	Thread material
RLTi-5817	50 x 25 x 1.0-2.0	foot	M8	ribbed	36.0	5.0	28.0	75	J	PE	14.0	PE
RLTi-5815	50 x 25 x 1.0-2.0	foot	M10	ribbed	13.0	8.0	13.0	75	J	nylon	32.0	mild steel ZP
new RETi-5862	50 x 25 x 1.6	foot or castor	M10	expander	38.0	5.0	38.0	300	G	nylon	43.0	mild steel ZP
new RTSi-5878	50 x 25 x 1.6	foot or castor	M10	expander	38.0	5.0	38.0	300	G	nylon	43.0	StainlessSteel
RETi-5819	50 x 25 x 2.0	foot or castor	M10	expander	32.0	5.0	33.0	300	G	nylon	43.0	mild steel ZP
RTLi-5889	50 x 25 x 2.0	foot	M10	plain	17.0	5.0	18.0	800	H	zinc alloy	70.0	zinc alloy
RETi-5780	50 x 25 x 1.6	foot or castor	M12	expander	38.0	5.0	38.0	300	G	nylon	43.0	mild steel ZP
RTLi-5848	50 x 25 x 1.6-2.0	foot	M16	ribbed	15.0	8.0	15.0	100	J	nylon	22.0	nylon
new RTLi-5816	50 x 30 x 1.0-2.0	foot	M10	ribbed	30.0	5.0	14.0	300	J	nylon	46.0	mild steel ZP



Expanders use the "Rawlplug" effect. Expander inserts are made of 2 matching moulded Nylon pieces with 2 hex nuts sitting inside the tapered conical cavities. Tightening a threaded bolt or screw into the Expander for attaching a castor to a rectangle tube presses the hex nuts downward, making the outer walls of the insert move sideways tightly gripping the inner wall of the tube, this is known as the "Rawlplug" effect.

- (1) EXPANDERS, when used to attach a castor MUST have the bolt or screw tightened fully to allow the insert pieces to expand and grip the inside of the tube
- (2) THREAD STOP, the distance measured from the top of the insert head to the end of the female thread inside the insert.
- (3) *Stainless steel threads available for 5891, 5892 & 5893 and most of the "EXPANDER" range

“T” NUTS - drive-in & weld-on



PART NUMBER	Thread size a (mm)	Height of nut b (mm)	Sleeve O/D c (mm)	Flange or outside dia. d (mm)	Height of prongs e (mm)	No. of fixing holes & size (mm)	Material thickness (mm)	Weight (grams)
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“T”NUTS - drive-in, mild steel

TDNi-4005	M6	9.00	7.50	19.00	7.00		1.20	4.00
TDNi-4006	M8	17.00	9.90	22.00	9.50		1.60	9.00
TDNi-4007	M10	16.00	12.00	25.00	11.00		1.80	11.40
TDNi-4008	M12	14.50	13.70	27.00	9.50		1.80	11.40
TDNi-4009	M16	16.00	20.00	60.0 od x 56.0	11.00	2 x 5.5	3.00	76.00
TDNi-4010	M20	16.00	23.00	60.0 od x 56.0	11.00	2 x 5.5	3.00	76.00

“T”NUTS - drive-in, stainless steel

TDSi-4025	M6	12.00	7.50	19.00	7.00		1.25	4.70
TDSi-4026	M8	11.00	9.70	22.00	7.50		1.50	6.20
TDSi-4027	M10	12.00	11.40	25.00	9.00		1.50	8.00

“T”NUTS - weld-on, mild steel

TWmi-4035	M6	8.50	7.70	22.0 x 14.0	n/a		1.45	4.30
TWmi-4036	M8	10.00	10.10	26.0 x 18.0	n/a		1.80	76.00
TWmi-4037	M10	10.50	11.90	26.0 x 18.0	n/a		1.90	8.00
TWmi-4038	M12	12.50	14.30	29.0 x 20.5	n/a		2.20	12.00
TWmi-4039	M16	16.00	21.00	60.0 x 56.0	n/a	2 x 5.5	3.00	76.00
TWmi-4040	M20	16.00	23.50	60.0 x 56.0	n/a	2 x 5.5	3.00	74.00

“T”NUTS - weld-on, stainless steel

TWsi-4045	M6	8.50	7.50	22.0 od x 14.0	n/a		1.25	3.70
TWsi-4046	M8	11.00	9.70	26.0 od x 18.0	n/a		1.50	6.80
TWsi-4047	M10	10.50	11.50	26.0 od x 18.0	n/a		1.50	6.70

NOTES for mild steel “T” nuts:

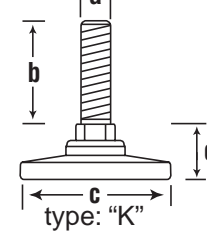
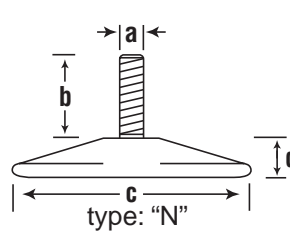
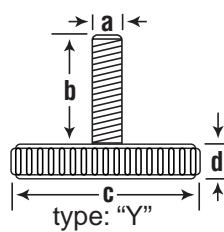
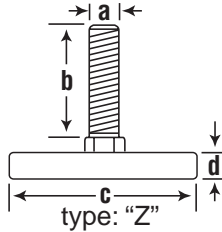
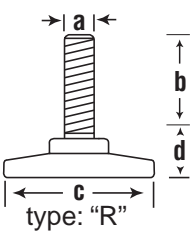
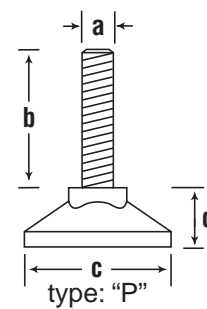
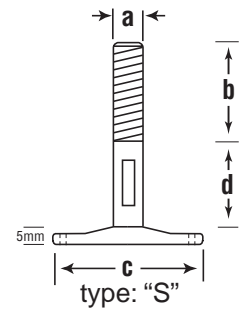
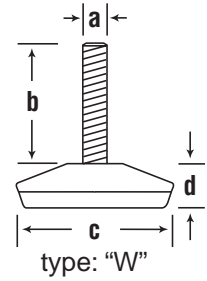
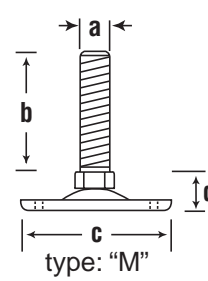
(a) available in sizes from M4 up to M24. (b) above are supplied galvanised, 5mm, blue chromatic
(c) above can be supplied in raw finish on order

Material:

(1) mild steel “T” nuts use cold rolled low carbon narrow strip steel for cold forming EN10139 (DIN1624)
(2) stainless steel “T” nuts use cold rolled low carbon narrow strip EN10088 (X5CrNi18-10)

LEVELLING feet, non-tilt

flexlinerTM
engineering
Quality components



PART NUMBER	Thread a (mm)	Thread length b (mm)	Base diameter C (mm)	Base height d (mm)	Max static load (kgs)	Base profile	Base material	Thread material	Weight (grams)
M6 thread									
RRAF-5200	M6	25.0	37.5	16.0	100	P type	polypropylene	mild steel z.p	14.0
RRAF-5201	M6	27.0	20.0	6.0	50	Y type	nylon	mild steel z.p	9.0
M8 thread									
RRAK-5205	M8	17.0	28.5	10.0	250	Y type	nylon	mild steel z.p	16.0
RRAK-5206	M8	17.0	50.5	12.0	250	Y type	nylon	mild steel z.p	31.0
RRAF-5202	M8	25.0	25.0	16.0	100	P type	polypropylene	mild steel z.p	14.0
RRAF-5204	M8	50.0	38.0	16.0	100	P type	polypropylene	mild steel z.p	26.0
M10 thread									
RRAF-5298	M10	20.0	80.0	15.0	250	N type	PE	mild steel z.p	54.0
RRAF-5207	M10	25.0	30.0	11.0	250	R type	nylon	mild steel z.p	22.0
RRAF-5351	M10	30.0	50.0	15.0	300	W type	nylon+metal	mild steel z.p	50.0
RAFH-5302	M10	37.0	50.0	19.0	1000	Y type	nylon	mild steel z.p (HEX)	51.0
RRAF-5210	M10	40.0	30.0	9.0	500	Y type	PE	mild steel z.p	31.0
RAFS-5211	M10	40.0	30.0	9.0	500	Y type	PE	mild steel z.p(SLOT)	30.0
RRAF-5208	M10	45.0	25.0	15.0	500	Z type	PA	mild steel z.p	44.0
RRAF-5301	M10	45.0	50.0	19.0	1000	K type	nylon	mild steel z.p	51.0
RMAF-5350	M10	50.0	30.0	13.0	650	M type	mild steel z.p.	mild steel z.p.	48.0
RMAF-5370	M10	50.0	50.0	13.0	650	M type	mild steel z.p.	mild steel z.p	67.0
RSSF-5360	M10	60.0	38.0	5.0	100	S type	Stainless steel	Stainless steel	49.0
RRAF-5209	M10	100.0	47.5	15.0	750	Z type	nylon	mild steel z.p	72.0

No. 5211 has a screwdriver slot at the top of thread for height adjustment from top
 No. 5302 has a 7mm A/F hexagon at the top of thread for height adjustment from top
 No. 5370 No. 5360 levelling feet have 2x5mm i.d. fixing holes in the base

M12 thread

RRAF-5401	M12	65.0	47.5	15.0	2000	Z type	nylon	mild steel z.p	70.0
RSSF-5365	M12	70.0	65.0	5.0	750	S type	Stainless steel	Stainless steel	85.0
RRAF-5400	M12	80.0	70.0	15.0	300	Z type	nylon	mild steel z.p	113.0

No. s 5365 & 5360 are all 304 grade stainless steel

LEVELLING feet non-tilting

free call: 1-800 6444 34 free fax: 1-800 6444 35 email: parts@flexliner.com.au

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LEVELLING FEET - tilting

PART NUMBER	Thread length b (mm)	Base dia or size C (mm)	Base height d (mm)	Max. static load (kgs)	Max. angle of tilt from vertical (degrees°)	Base profile	Base material	Thread material	Weight (grams)
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M6 thread

TLF-5001	25.0	25.0	20.0	50	20°	conical	polyethylene	mild steel z.p.	18.0
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M8 thread

TLF-5012	25.0	25.0	20.0	50	20°	conical	polyethylene	mild steel z.p.	20.0
TLF-5010	25.0	40.0	20.0	100	20°	conical	polyethylene	mild steel z.p.	28.0
TLF-5011	27.0	30.0	13.0	300	20°	conical	PA + stainless steel	mild steel z.p.	20.0

M10 thread

TLF-5020	37.5	32.5	20.0	75	20°	conical	polyethylene	mild steel z.p.	34.0
HDAF-5438	60.0	40.0	33.0	500	20°	conical	nylon glass-fibre reinforced	mild steel z.p.	70.0
HDAF-5440	60.0	40.0	33.0	500	20°	conical	nylon glass-fibre reinforced	stainless steel 304 grade	70.0
HSEF-5437	60.0	78.0 x 40.0	33.0	500	20°	extended, "bolt-down" 2 hole	nylon glass-fibre reinforced	mild steel z.p.	75.0
HSEF-5439	60.0	78.0 x 40.0	33.0	500	20°	extended, "bolt-down" 2 hole	nylon glass-fibre reinforced	stainless steel 304 grade	78.0
TLF-5021	90.0	32.5	20.0	75	20°	conical	polyethylene	mild steel z.p.	58.0
TLF-5029	100.0	47.5	20.0	250	20°	conical	polyethylene	mild steel z.p.	68.0
HDAF-5449	100.0	100.0	36.0	500	20°	"bolt-down", 3 hole	nylon glass-fibre reinforced	mild steel z.p.	146.0

M12 thread

TLF-5030	50.0	40.0	20.0	100	20°	conical	polyethylene	mild steel z.p.	56.0
TLF-5031	100.0	55.0	20.0	250	20°	conical	polyethylene	mild steel z.p.	97.0
HDAF-5450	100.0	100.0	36.0	750	20°	"bolt-down", 3 hole	nylon glass-fibre reinforced	mild steel z.p.	165.0
HSAF-5454	100.0	100.0	36.0	750	20°	"bolt-down", 3 hole	nylon glass-fibre reinforced	stainless steel 304 grade	175.0

M16 thread

HDAF-5452	70.0	50.0	40.0	500	20°	conical	nylon glass-fibre reinforced	nylon glass-fibre reinforced	46.0
HDAF-5451	100.0	100.0	36.0	1000	20°	"bolt-down", 3 hole	nylon glass-fibre reinforced	mild steel z.p.	230.0
HSAF-5455	100.0	100.0	36.0	750	20°	"bolt-down", 3 hole	nylon glass-fibre reinforced	stainless steel 304 grade	235.0

M20 thread

HDAF-5453	120.0	100.0	40.0	500	20°	conical	nylon glass-fibre reinforced	nylon glass-fibre reinforced	107.0
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Tilting levelling foot with ball - female thread

HDLB-5472	female M8x12.0	100.0	36.0	750	20°	"bolt-down", 3 hole	nylon glass-fibre reinforced	mild steel z.p.	95.0
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Combination tilting levelling foot and plain 50mm OD threaded tube insert

TTIF-5435	40.0	80.0	20.0	50	38°	flat	polyethylene	Nylon	72.0
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the round threaded tube inserts fits 50.0mm x 1.6mm tube.shank length 38mm.

Tilting glides, all Nylon 6-all weather ribbed tube insert fit

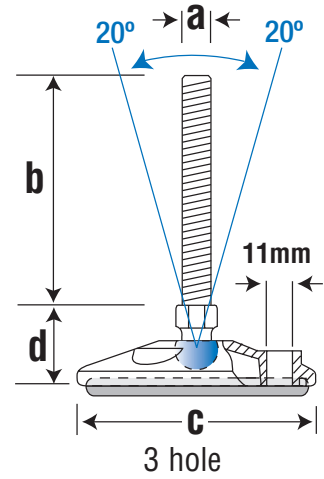
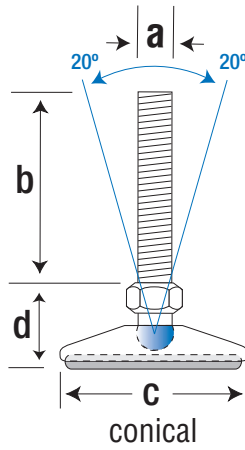
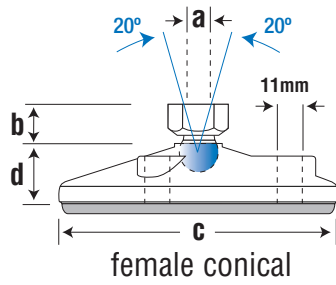
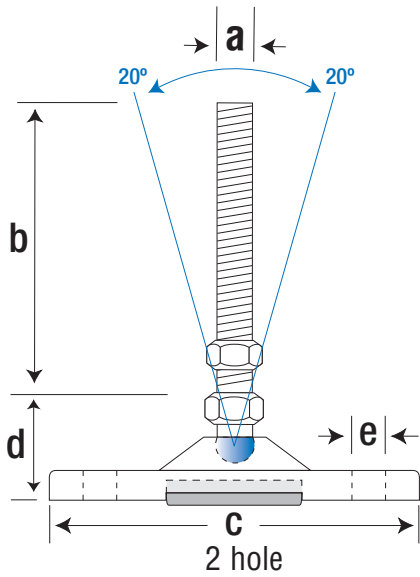
TG-4501	fits 19mm OD x 1.6-2.0mm tube, 20° max. tilt, 24.5mm shank length.Base 25mm OD								8.0
TG-4502	fits 22mm OD x 1.6-2.0mm tube, 20° max. tilt, 24.5mm shank length.Base 25mm OD								8.0
TG-4503	fits 25mm OD x 1.6-2.0mm tube, 20° max. tilt, 24.5mm shank length.Base 25mm OD								10.0

"Soft" foot disc, fit underneath a tilting levelling foot, for anti-slip or vibration reduction applications

PART NUMBER	Overall base diameter or size (mm)	Soft foot disc fits the following levelling feet	Thread material	Weight (grams)
ASFB-5460	50.0	HDAF-5452	black	12.0
ASFB-5461	100.0	HDAF-5453	black	52.0
ASFB-5462	100.0	HDAF-5449, HDAF-5450, HSAF-5454, HDAF-5451, HSAF-5455, HDLB-5472	cream	30.0
ASFB-5464	40.0 od & 40.0 x 78.0	HDAF-5438, HDAF-5440, HDAF-5437, HDAF-5439	navy blue	4.0

Soft foot discs are made of TPE (thermoplastic Elastomer, a synthetic rubber)

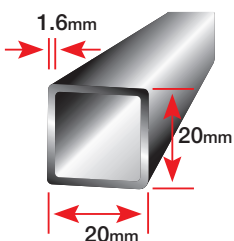
Note: these drawings show the foot fitted with the optional soft disc.



LEVELLING feet - tilting

SQUARE tube "plug-in" connectors

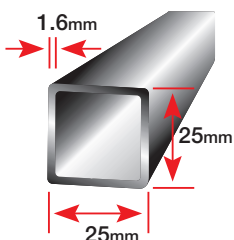
SQUARE tube plug-in connectors



PART NUMBER	Number of legs	Description	Shank length (mm)	Weight (grams)
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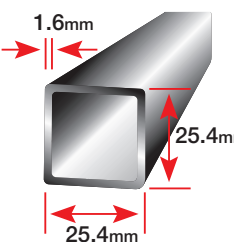
fits 20mm x 20mm x 1.6mm tube ONLY

SPiC-2650	2	2 way, standard right angle	36.0	48
SPiC-2651	3	3 ways, "T" piece	36.0	65
SPiC-2652	4	4 ways, "cross" piece	36.0	85
SPiC-2653	3	2+1 ways, 3 direction right angle	36.0	65
SPiC-2654	4	3+1 ways, 4 direction right angle	36.0	83
SPiC-2655	5	4+1 ways, 5 direction right angle	36.0	105
SPiC-2656	6	6 ways, 6 direction right angle	36.0	125
SPiC-2657	2	1 way, straight or lengthening	45.0	100
SPiA-2659	2	2 legs adjust, 0° - 190°	35.0	60
SPiA-2660	3	2 legs adjust, 1 x fixed 0° - 190°	35.0	80
SPiA-2572	4	2 legs adjust, 2 x fixed 0° - 190°	35.0	100



fits 25mm x 25mm x 1.6mm tube ONLY

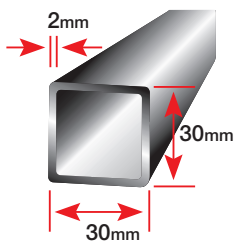
SPiC-2560	2	2 way, standard right angle	50.0	90
SPiC-2561	3	3 ways, "T" piece	50.0	135
SPiC-2562	4	4 ways, cross piece	53.0	175
SPiC-2563	3	2+1 ways, 3 direction right angle	50.0	135
SPiC-2564	4	3+1 ways, 4 direction right angle	55.0	175
SPiC-2565	5	4+1 ways, 5 direction right angle	55.0	215
SPiC-2566	6	6 ways, 6 direction right angle	55.0	250
SPiC-2567	2	1 way, straight or lengthening	53.0	105
SPiA-2570	2	2 legs adjust, 45° - 195°	38.0	75
SPiA-2571	3	2 legs adjust, 1 x fixed 45° - 195°	38.0	95
SPiA-2572	4	2 legs adjust, 2 x fixed 45° - 195°	38.0	115



fits 25.4mm x 25.4mm x 1.6mm (1"x1"x16g) tube ONLY

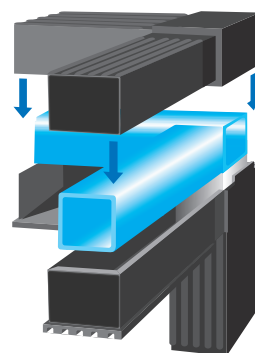
mainly used for stainless steel

SiCB-2568	3	2+1 ways, 3 direction right angle	50.0	145
SiCB-2569	3	2+1 ways, 3 direction right angle	50.0	145



fits 30mm x 30mm x 2mm tube ONLY

SPiC-2600	2	2 way, standard right angle	47.0	115
SPiC-2601	3	3 ways, "T" piece	47.0	160
SPiC-2602	4	4 ways, "cross" piece	47.0	205
SPiC-2603	3	2+1 ways, 3 direction right angle	47.0	160
SPiC-2604	4	3+1 ways, 4 direction right angle	47.0	205
SPiC-2605	5	4+1 ways, 5 direction right angle	47.0	235
SPiC-2606	6	6 ways, 6 direction right angle	47.0	288
SPiC-2607	2	1 way, straight or lengthening	50.0	100
SPiA-2610	2	2 legs adjust, 60° - 300°	41.0	100

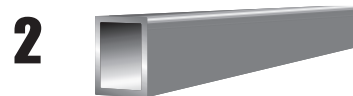


Steel core with Nylon outer

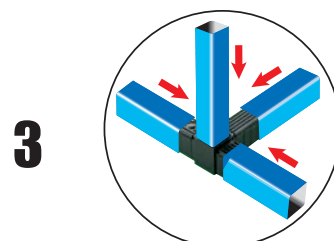
Design and assemble benches, shelves etc using Flexliners connectors, tubing and our many accessories



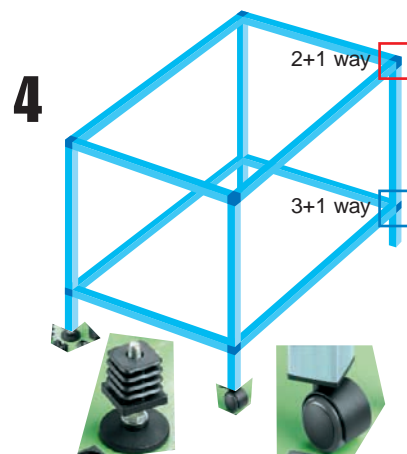
3+1 way plug-in connector



steel tubing



Push the connector into the steel tube



Levelling foot

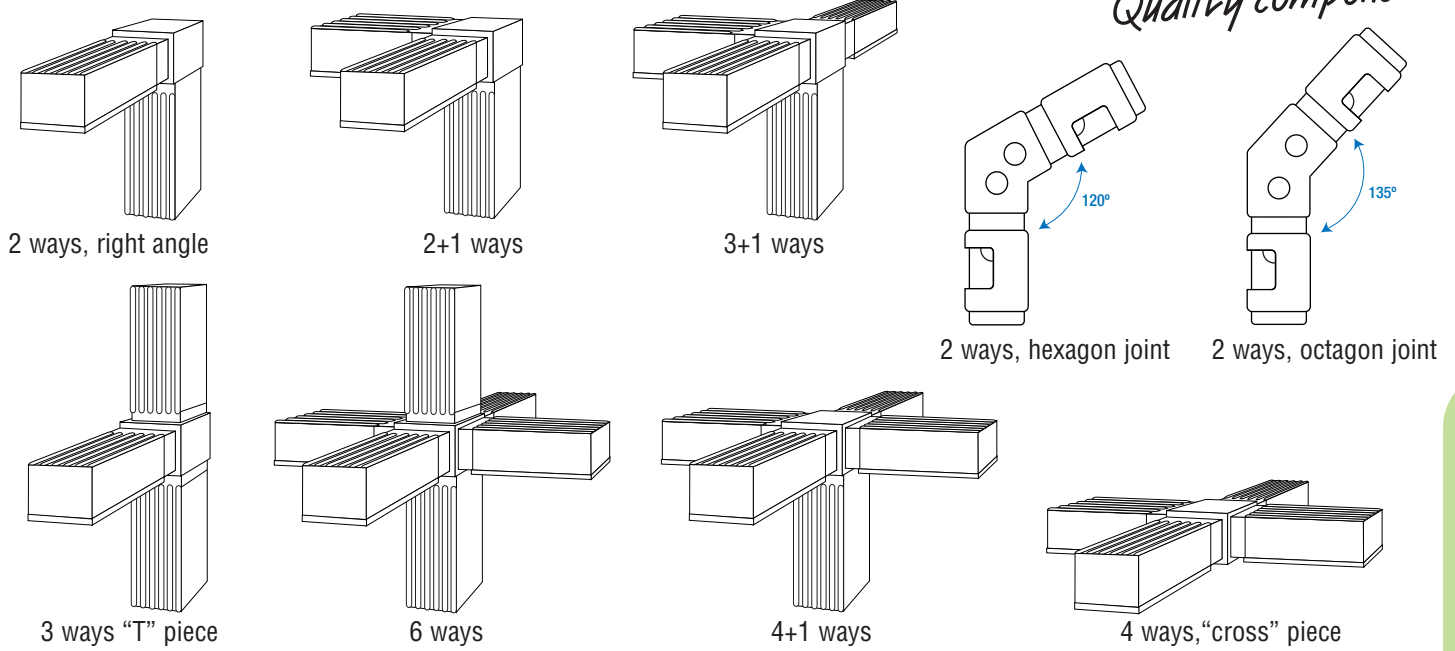
Castor

Materials:

Heavy duty connectors ("SPiC") are made of 2 interlocking Nylon halves (the outers), with a inside core which is made of welded mild steel reinforcement tube. 15mm x 15mm x 1.6mm for 25mm, 25.4mm and 30mm square tube. 10mm x 10mm x 1mm for 20mm square tube.

Adjustable angle connectors: ("SPiA") are all Nylon, no steel tube core. Held together with zinc plated socket head screw and nut.tube.

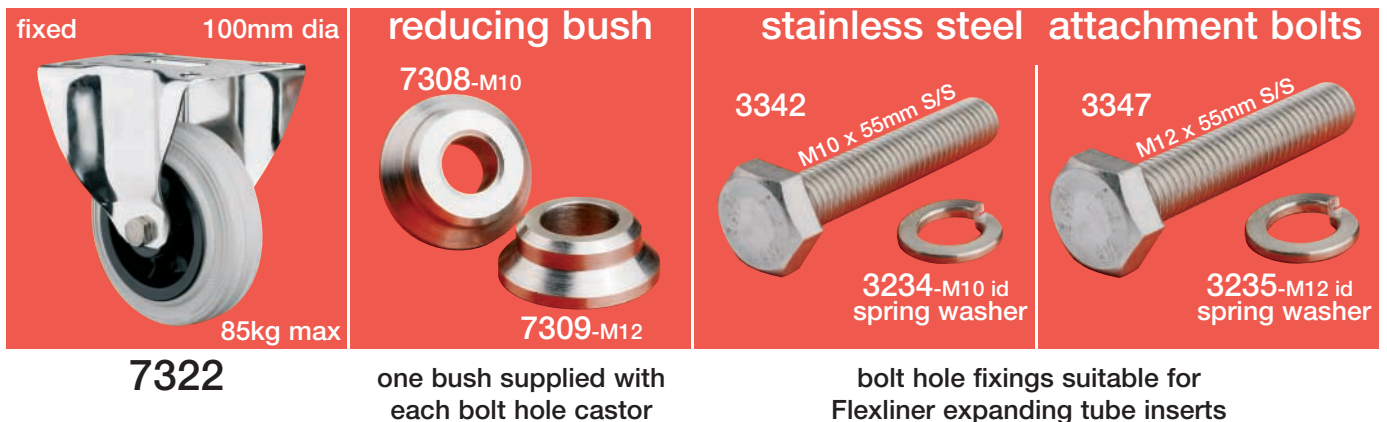
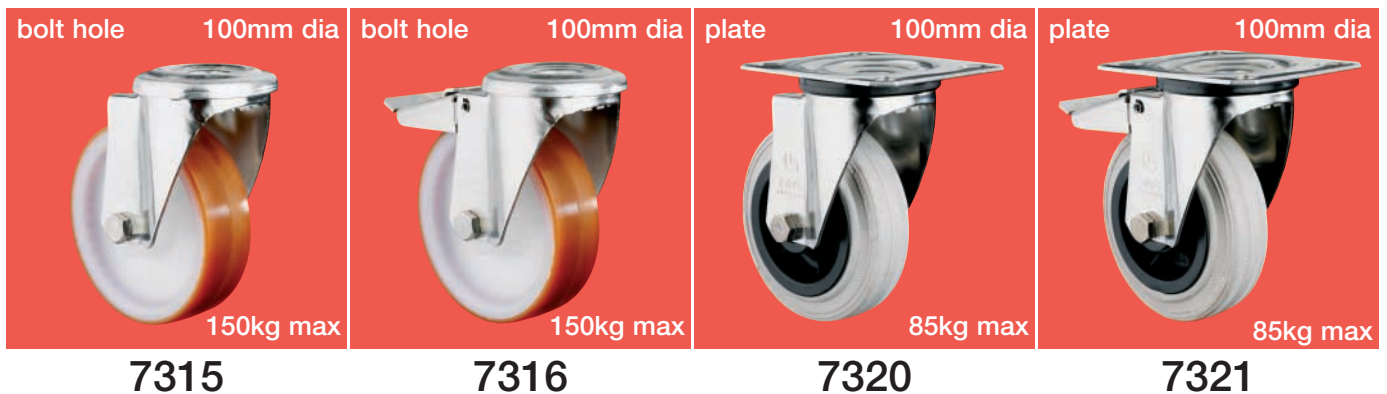
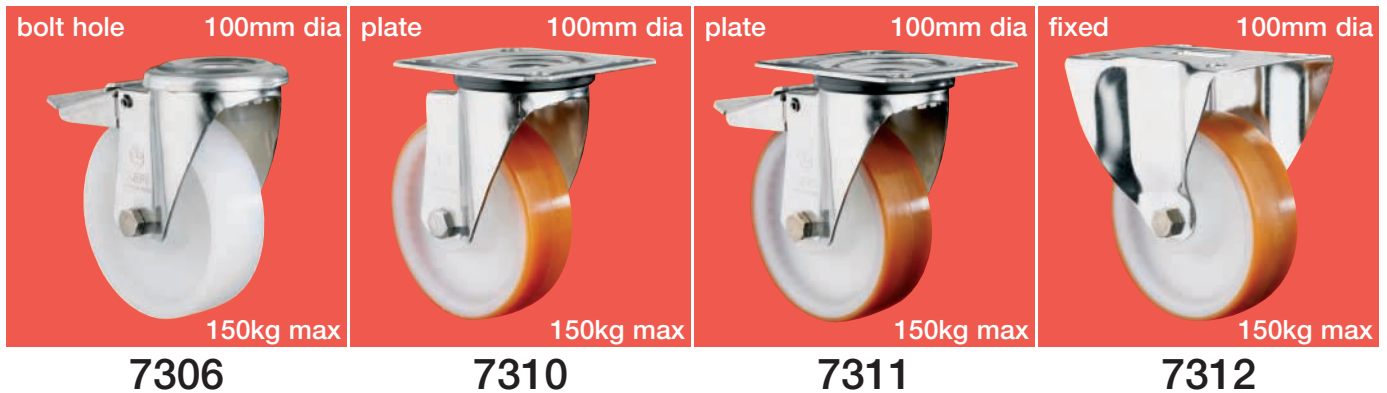
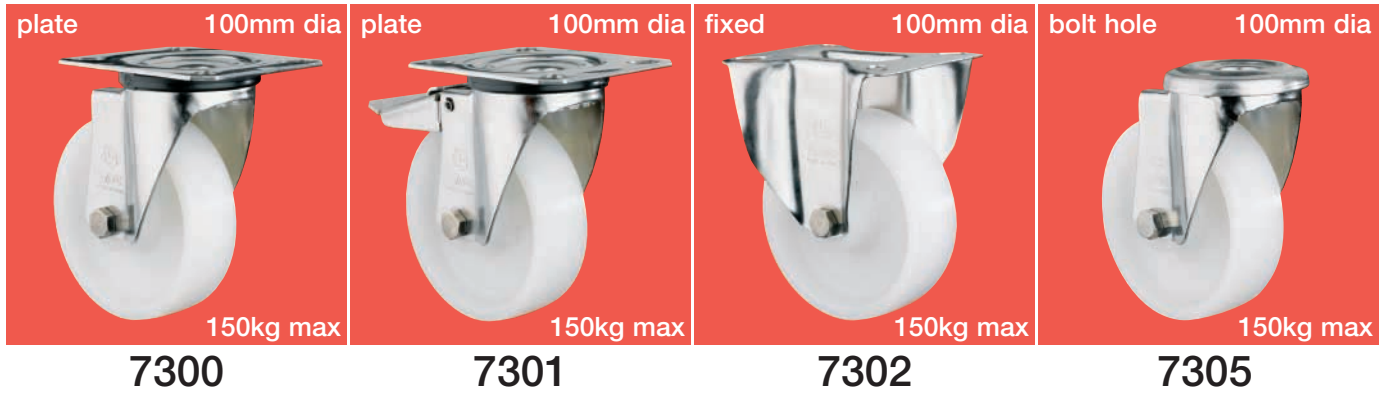
- welded steel tube core



SQUARE tube plug-in connectors

STAINLESS STEEL castors

CASTORS - stainless steel single wheel, plate or bolt hole



Other wheel sizes are available on request

single wheel - plate or bolt hole

flexliner PART NUMBER	Type	Wheel diameter a (mm)	Wheel width m (mm)	Wheel colour & composition	Overall height c (mm)	Bolt hole diameter d(mm)	Plate size L x W b(mm)	Function	Weight (grams)
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150kgs max.load capacity: 100mm wheel diameter

CSSF-7300	plate	100	30	white , Nylon-hard	128	X	102 x 83	free rolling	560
CSFB-7301	plate	100	30	white , Nylon-hard	128	X	102 x 83	foot brake	670
CSF-7302	plate	100	30	white , Nylon-hard	128	X	102 x 83	fixed	380
CSSF-7305	bolt hole	100	30	white , Nylon-hard	128	M10 or M12	X	free rolling	490
CSFB-7306	bolt hole	100	30	white , Nylon-hard	128	M10 or M12	X	foot brake	600
CSSF-7310	plate	100	30	brown PU + Nylon-soft	128	X	102 x 83	free rolling	580
CSFB-7311	plate	100	30	brown PU + Nylon-soft	128	X	102 x 83	foot brake	690
CSF-7312	plate	100	30	brown PU + Nylon-soft	128	X	102 x 83	fixed	410
CSSF-7315	bolt hole	100	30	brown PU + Nylon-soft	128	M10 or M12	X	free rolling	510
CSFB-7316	bolt hole	100	30	brown PU + Nylon-soft	128	M10 or M12	X	foot brake	620

85kgs max.load capacity: 100mm wheel diameter

CSSF-7320	plate	100	30	light grey, rubber-soft	128	X	102 x 83	free rolling	660
CSFB-7321	plate	100	30	light grey, rubber-soft	128	X	102 x 83	foot brake	770
CSF-7322	plate	100	30	light grey, rubber-soft	128	X	102 x 83	fixed	490

wheel materials

white Nylon (polyamide 6)

- highest quality polyamide 6
- minimal rolling resistance; excellent resistance to shocks, abrasion and corrosion; easy to clean
- temperature range: -30°C/ +80°C (-22°F/ +176°F)
- hub with: shielded precision ball bearings; standard rolling bearings; plain bore

brown polyurethane + white Nylon (polyamide 6)

- injected brown polyurethane coating, hardness 58 ± 3 Shore D
- core in high quality polyamide 6
- noiseless running; high resistance to shocks, abrasion and corrosion; easy to clean
- temperature range: -30°C/ +80°C (-22°F/ +176°F)
- hub with: shielded precision ball bearings

thermoplastic core+elastic grey rubber solid tyre

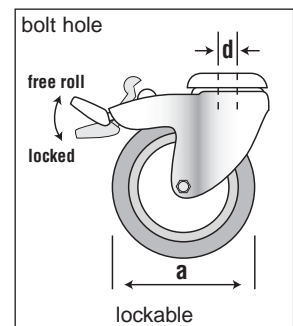
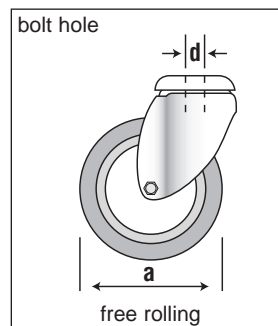
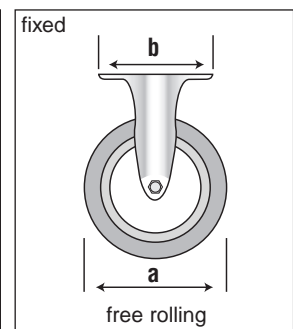
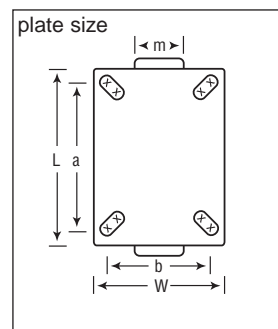
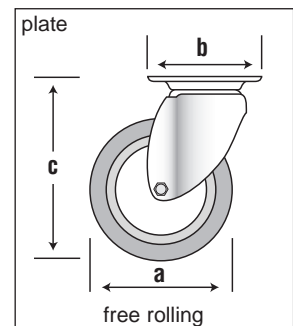
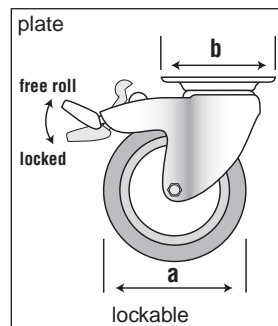
- non marking elastic solid grey rubber tyre, hardness 75 ± 3 Shore A
- core in high quality black thermoplastic material
- excellent smooth running; high abrasion resistance
- temperature range: -20°C/ +60°C (-4°F/ +140°F)
- hub with: standard roller bearing; nylon(polyamide 6) friction bearing

bolt hole castors

- all bolt hole castors can have an M10 or M12 bolt hole, using reducing bush
- M10 bush is SSRB-7308, M12 bush is SSRB- 7309, made of stainless steel 316 grade.
- attach M10 bolt hole castor using #3342 stainless steel hex head bolt and #3234 spring washer.
- attach M12 bolt hole castor using #3347 stainless steel hex head bolt and #3235 spring washer.

plate castors

- fixing hole spacing for plate castors is 80mm x 60mm



CASTORS, single

CASTORS, single wheel plate or bolt hole



7207

7208

7209

7210

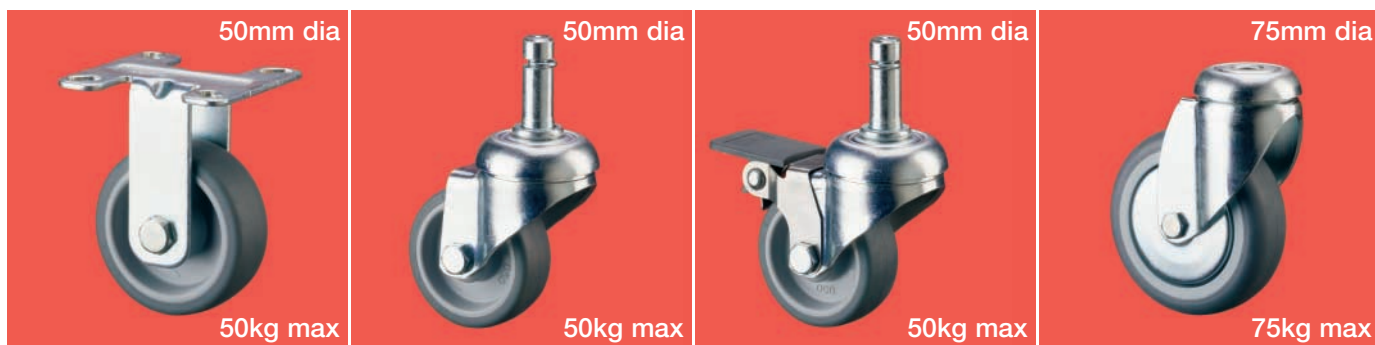


7240

7241

7236

7237



7242

7223

7224

7218



7219

7234

7235

7225

wheel -plate or bolt hole



7279

7280

7238

7239



7278

7230

7231

7232



7233

7229

7245

7246



7243

specification and details page 36

CASTORS, single wheel plate or bolt hole

CASTORS-twin wheel "soft tyre"

PART NUMBER	Wheel diameter a (mm)	Wheel width (mm)	Wheel colour & composition	Overall height c (mm)	Bolt hole diameter d(mm)	Plate size L x W b(mm)	Maximum load capacity (kgs)	Type	Weight (grams)
40 to 50 kgs capacity: 50mm wheel diameter									
CHST-7207	50	19	grey, rubber - soft	67.0	11.0		50	free rolling	150
CHFB-7208	50	19	grey, rubber - soft	67.0	11.0		50	foot brake	165
CHST-7209	50	20	dark grey, Nylon - hard	67.0	11.0		50	free rolling	150
CHFB-7210	50	20	dark grey, Nylon - hard	67.0	11.0		50	foot brake	180
CPST-7240	50	20	dark grey, Nylon - hard	67.0		60x60	50	free rolling	180
CPFB-7241	50	20	dark grey, Nylon - hard	67.0		60x60	50	foot brake	195
CPST-7236	50	19	grey, rubber - soft	69.0		60x60	50	free rolling	182
CPFB-7237	50	19	grey, rubber - soft	69.0		60x60	50	foot brake	200
CPF-7242	50	19	grey, rubber - soft	67.0		55x55	50	free rolling - fixed	95
CEST-7223	50	19	grey, rubber - soft	67.0	11mm dia pintal		50	free rolling	182
CEFB-7224	50	19	grey, rubber - soft	67.0	11mm dia pintal		50	foot brake	198

75 kgs capacity: 75mm wheel diameter

CHST-7218	75	25	grey, rubber - soft	100.0	11.0		75	free rolling	230
CHFB-7219	75	25	grey, rubber - soft	100.0	11.0		75	foot brake	290
CPST-7234	75	25	grey, rubber - soft	100.0		60 x 60	75	free rolling	270
CPFB-7235	75	25	grey, rubber - soft	100.0		60 x 60	75	foot brake	330
CPF-7225	75	25	grey, rubber - soft	100.0		60 x 66	75	free rolling - fixed	175

100 kgs capacity: 80mm wheel diameter

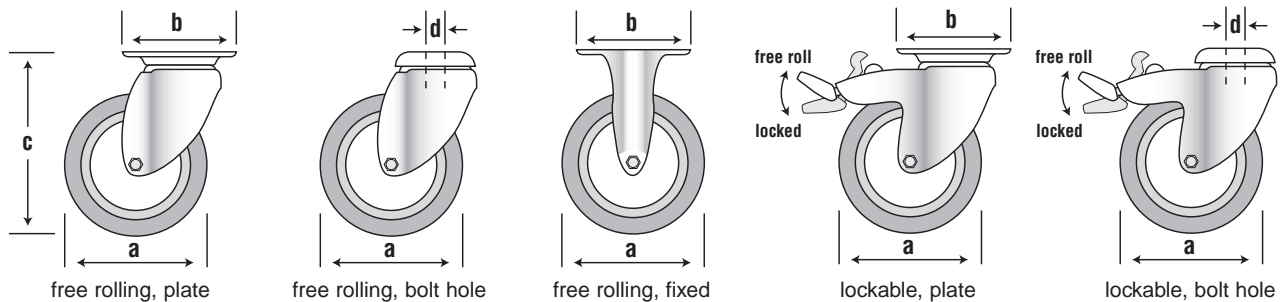
CHST-7279	80	34	black , Nylon - hard	108.0	13.0		100	free rolling	650
CHFB-7280	80	34	black , Nylon - hard	108.0	13.0		100	foot brake-TOTAL lock	820
CPST-7238	80	34	black , Nylon - hard	108.0		105 x 85	100	free rolling	740
CPFB-7239	80	34	black , Nylon - hard	108.0		105 x 85	100	foot brake-TOTAL lock	960
CPF-7278	80	34	black , Nylon - hard	108.0		105 x 85	100	free rolling - fixed	325

150 kgs capacity: 100mm wheel diameter

CHST-7230	100	34	blue , Nylon - soft	128.0	13.0		150	free rolling	885
CHFB-7231	100	34	blue , Nylon - soft	128.0	13.0		150	foot brake-TOTAL lock	1035
CPST-7232	100	34	blue , Nylon - soft	128.0		105 x 85	150	free rolling	885
CPFB-7233	100	34	blue , Nylon - soft	128.0		105 x 85	150	foot brake-TOTAL lock	1058
CPF-7229	100	34	blue , Nylon - soft	128.0		105 x 85	150	free rolling - fixed	575

250 kgs capacity: 125mm wheel diameter

CHST-7245	125	40	light grey, rubber - soft	155.0		105 x 85	250	free rolling	1075
CHFB-7246	125	40	light grey, rubber - soft	155.0		105 x 85	250	foot brake-TOTAL lock	1245
CPF-7243	125	40	light grey, rubber - soft	155.0		105 x 85	250	free rolling - fixed	795



Housing details: *Housing made of pressed steel, zinc chromatised, double ball bearing swivel head, wheel axle with nut*

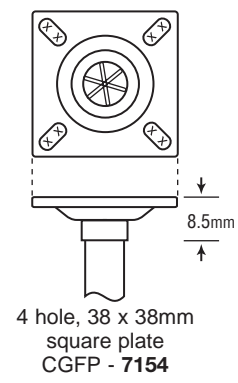
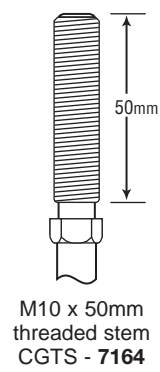
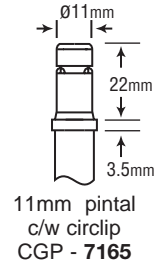
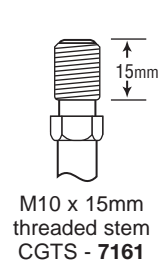
Total lock: **Locks both the wheel and swivel plate when engaged**

Load capacity: the load capacity of castor's above assume they are used in a normal environment, with floors in smooth & proper condition. If the floor is uneven or irregular, then a higher capacity castor is needed.

Calculating capacity: when four castor's are fitted to a unit (eg; a trolley) the minimum load capacity per castor should be 35% of the total load ie the total load = weight of unit + load. For example; if the total load is 100kgs, then each castor should have a minimum load capacity of 35kgs

CASTORS - hard twin wheel

flexlinerTM
engineering
Quality components



PART NUMBER	Wheel diameter (mm)	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	Load Capacity (kgs)	Type	Weight (no fixing) (grams)
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50mm diameter wheels

CSTN-7204	50.0	57.0	16.0	54.0	53.0	7.0	up to 50kgs	free rolling	60.0
CFBN-7206	50.0	74.0	16.0	54.0	53.0	7.0	up to 50kgs	foot brake	70.0



30mm diameter wheels

CSTN-7212	30.0	37.0		30.0	40.0	12.0	up to 50kgs	free rolling	25.0
CFBN-7213	30.0	49.0		30.0	40.0	12.0	up to 50kgs	foot brake	30.0



Castors are supplied with your choice of fixings. ie. either a threaded stem, 4 hole plate or pintal with circlip. important: when ordering, ask for the castor part# followed by the type of fixing. ie. 7204, 50mm dia. twin wheel castor with 7161 threaded stem (M10 x 15mm)

CASTOR fixing options			CASTOR fixing options		
50mm dia. twin wheel castor ONLY			30mm dia. twin wheel castor ONLY		
PART NUMBER	Description	Weight (grams)	PART NUMBER	Description	Weight (grams)
CGTS-7165	11mm pintle with circlip	35.0	CTS-7160	M8 x 12mm threaded stem	10.0
CGTS-7161	M10 x 15mm threaded stem	30.0	CTS-7159	M10 x 16mm threaded stem	15.0
CGTS-7164	M10 x 50mm threaded stem	45.0	CFP-7152	4 hole fixing plate, 28 x 28mm	20.0
CGTS-7154	4 hole fixing plate, 38 x 38mm	35.0			

Materials: nylon wheels and housing Stem: mild steel Z.P. Colour: black

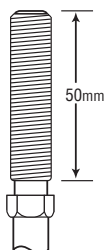
free call: 1-800 6444 34 free fax: 1-800 6444 35 email: parts@flexliner.com.au

CASTORS, hard twin wheel

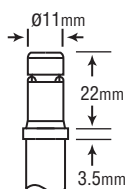
flexliner™ CASTORS twin wheel “soft tyre”

engineering

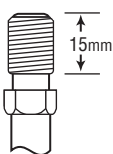
Quality components



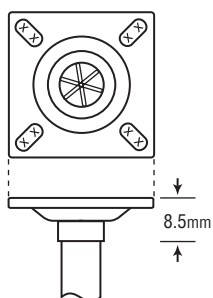
M10 x 50mm threaded stem CGTS - 7164



11mm pintle c/w circlip CGP - 7165



M10 x 15mm threaded stem CGTS - 7161



4 hole, 38 x 38mm square plate CGFP - 7154



PART NUMBER	Wheel width (mm)	Overall width (mm)	Tyre colour & material	Housing & hub colour	Overall height (mm)	Type	Weight (grams)
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50kgs capacity: 50mm wheel diameter

CSTS-7202	18.0	53.0	grey, PU	black	55.0	free rolling	80.0
CSTS-7260	18.0	53.0	black, PU	aluminium(RAL9006)	52.5	free rolling	70.0
CFBS-7211	18.0	53.0	grey, PU	black	55.0	free rolling with foot brake	70.0
CFBS-7261	18.0	53.0	black, PU	aluminium(RAL9006)	52.5	free rolling with foot brake	80.0

load dependent braking system

CBLS-7201	18.0	53.0	grey, PU	black	55.0	brake loaded	90.0
CBUS-7203	18.0	53.0	grey, PU	black	55.0	brake unloaded	90.0

anti-static & conductive

CASS-7205	18.0	55.0	black, PU	black	55.0	conductive	75.0
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stainless steel

CSSS-7214	18.0	53.0	grey, PU	black	55.0	free rolling	110.0
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75kgs capacity: 75mm wheel diameter

SFFR-7215	16.0	54.0	grey, PU	black	80.0	free rolling	165.0
SFTL-7220	16.0	54.0	grey, PU	black	80.0	foot brake-TOTAL LOCK	195.0
SFFR-7216	16.0	54.0	grey, PU	grey(RAL7035)	80.0	free rolling	165.0
SFTL-7221	16.0	54.0	grey, PU	grey(RAL7035)	80.0	foot brake-TOTAL LOCK	195.0
SFFR-7217	16.0	54.0	black, PU	aluminium(RAL9006)	80.0	free rolling	165.0
SFTL-7222	16.0	54.0	black, PU	aluminium(RAL9006)	80.0	foot brake-TOTAL LOCK	195.0

100kgs capacity: 100mm wheel diameter

SFFR-7250	17.0	57.0	black, PU	aluminium(RAL9006)	113.0	free rolling	425.0
SFTL-7251	17.0	57.0	black, PU	aluminium(RAL9006)	113.0	foot brake-TOTAL LOCK	440.0

Free rolling ONLY, 50mm & 75mm “soft” tyre castor fixing options

PART NUMBER	Description	Weight (grams)
CGTS-7165	11mm pintle with circlip	35.0
CGTS-7161	M10 x 15mm threaded stem	30.0
CGTS-7164	M10 x 50mm threaded stem	45.0
CGTS-7154	4 hole fixing plate, 38 x 38mm	35.0
CGTS-7155	4 hole fixing plate, 42 x 42mm	50.0

Total lock ONLY, 75mm “soft” tyre castor fixing options

PART NUMBER	Description	Weight (grams)
CTS-7166	11mm pintle with circlip	45.0
CTS-7162	M10 x 15mm threaded stem	38.0
CFP-7156	4 hole fixing plate, 42 x 42mm	58.0

TWIN WHEEL “soft tyre” castors

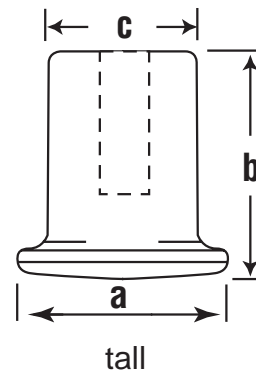
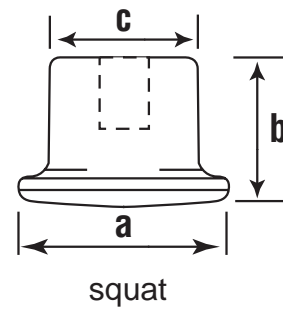
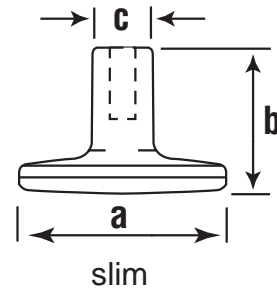
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GLIDES



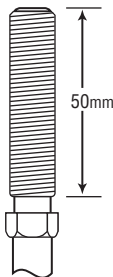
PART NUMBER	Housing Profile	Base Diameter a (mm)	Housing Height b (mm)	Top of Housing C (mm)	Load Capacity (kgs)	Weight (grams)
GSP-7105	slim	50.0	36.0	14.0	Up to 50kgs	17.0
GSQP-7106	squat	60.0	36.0	50.0	Up to 50kgs	54.0
GTP-7102	tall	50.0	56.0	36.0	Up to 50kgs	40.0

Glides are supplied with your choice of fixing. ie. either a threaded stem, 4 hole plate or pintal with circlip.

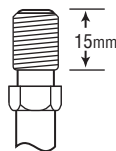
important: when ordering, ask for the glide part# followed by the type of fixing. ie. 7102 tall glide with 7161 threaded stem (M10 x 15mm)

GLIDE fixing options

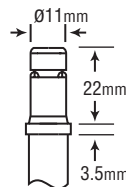
PART NUMBER	Description	Weight (grams)
CGTS-7165	11mm pintle with circlip	35.0
CGTS-7161	M10 x 15mm threaded stem	30.0
CGTS-7164	M10 x 50mm threaded stem	45.0
CGTS-7154	4 hole fixing plate, 38 x 38mm	35.0



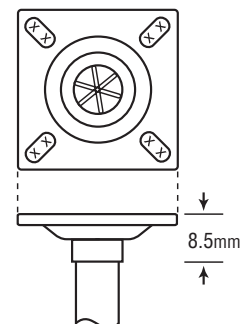
M10 x 50mm threaded stem
CGTS - 7161



M10 x 15mm threaded stem
CGTS - 7161



11mm pintal c/w circlip
CGP - 7165



4 hole, 38 x 38mm square plate
CGFP - 7154

Housing material: *nylon*. Colour: *black*

PART NUMBER	Thread a (mm) or (inch)	Thread length b (mm)	Wheel diameter C (mm)	Wheel thickness d (mm)	Wheel type	Weight (gram)
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MALE handwheels, mild steel z.p. thread

HWMT-3532	1/4"	19.0	31.75	19.0	Tri-wheel	14.0
HWM-3550	M6	15.0	44.0	14.0	5 Lobe	11.0
HWM-3551	M6	30.0	44.0	14.0	5 Lobe	12.0
HWM-5201	M6	27.0	20.0	6.0	Serrated	7.0
HWMT-3531	5/16"	19.0	50.8	27.0	Tri-wheel	27.0
HWM-3558	M8	15.0	40.0	14.0	5 Lobe	15.0
HWM-3559	M8	50.0	40.0	27.0	Scallop	31.0
HWMT-3530	3/8"	19.0	50.8	27.0	Tri-wheel	35.0
HWM-3552	M10	25.0	50.0	35.0	Scallop	44.0
HWMT-3542	M10	25.0	50.8	27.0	Tri-wheel	38.0
HWM-5210	M10	40.0	30.0	9.0	Serrated	31.0
HWM-3553	M10	50.0	50.0	34.0	Scallop	56.0
HWM-3556	M12	40.0	80.0	52.0	Scallop	97.0

MALE handwheels, STAINLESS STEEL thread

HWMS-3563	M6	25.0	40.0	27.0	Scallop	13.0
HWMS-3564	M6	50.0	40.0	27.0	Scallop	20.0
HWMS-3565	M8	25.0	40.0	27.0	Scallop	17.0
HWMS-3566	M8	50.0	40.0	27.0	Scallop	30.0
HWMS-3554	M10	25.0	50.0	35.0	Scallop	43.0
HWMS-3555	M10	50.0	50.0	35.0	Scallop	57.0
HWMS-3557	M12	25.0	80.0	52.0	Scallop	89.0
HWMS-3562	M12	50.0	80.0	52.0	Scallop	109.0

MALE "T" handles, mild steel z.p. thread

THM-3561	M8	50.0	60.0 across	18.0x33.0	T handle	32.0
THM-3560	M10	45.0	72.0 across	19.0x34.0	T handle	54.0

FEMALE handwheels, mild steel z.p. thread

HWFi-3585	1/4"		40.0	27.0	Scallop	14.0
HWF-3570	M6		40.0	27.0	Scallop	14.0
HWFi-3586	5/16"		40.0	27.0	Scallop	16.0
HWF-3572	M8		40.0	27.0	Scallop	16.0
HWFi-3587	3/8"		50.0	35.0	Scallop	28.0
HWF-3574	M10		50.0	35.0	Scallop	28.0
HWF-3576	M12		80.0	52.0	Scallop	67.0

FEMALE handwheels, STAINLESS STEEL thread

HWFS-3571	M6		40.0	27.0	Scallop	14.0
HWFS-3573	M8		40.0	27.0	Scallop	16.0
HWFS-3575	M10		50.0	35.0	Scallop	28.0
HWFS-3577	M12		80.0	52.0	Scallop	67.0

FEMALE "T" handles, brass thread

THF-3580	M8		60.0 wide	18.0x33.0	T handle	17.0
THF-3581	M10		72.0 wide	19.0x34.0	T handle	29.0

FEMALE "thread right through" handwheels-metal (gal) thread

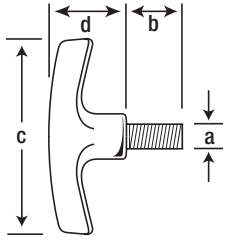
HWTT-3567	M6		40.0	12.5	Scallop	10.0
HWTT-3568	M8		50.0	14.5	Scallop	23.0
HWTT-3569	M10		50.0	14.0	Scallop	25.0
HWTT-3578	M12		50.0	14.0	Scallop	28.0

SELF ASSEMBLY-male or female handwheels

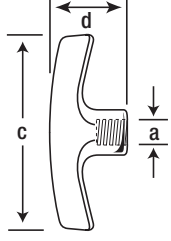
HSAC-3544	M6	Cap	40.0	27.0	Scallop	4.0
HSAH-3543	M6	Hub	40.0	27.0	Scallop	5.0
HSAC-3544	M8	Cap	40.0	27.0	Scallop	4.0
HSAH-3545	M8	Hub	40.0	27.0	Scallop	4.0
HSAC-3547	M10	Cap	50.0	35.0	Scallop	6.0
HSAH-3546	M10	Hub	50.0	35.0	Scallop	9.0
HSAC-3549	M12	Cap	80.0	52.0	Scallop	18.0
HSAH-3548	M12	Hub	80.0	52.0	Scallop	33.0

SELF ASSEMBLY Handwheels require both hub and cap. The base of the hub is moulded to accept a standard hex nut or set screw hex head which is held in place when the cap is "snap" fitted into place. [eg. for an M8 male or female handwheel choose HSAC-3544+HSAH-3534]

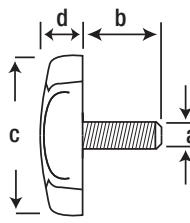
male & female thread



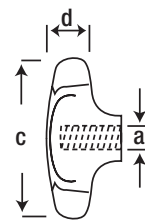
"T" handle male



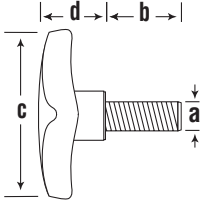
"T" handle female



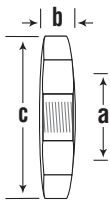
5 lobe handwheel male



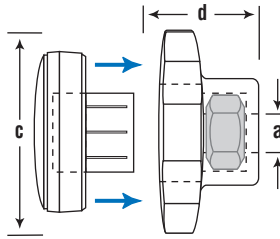
scallop handwheel female



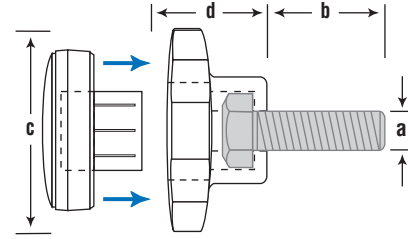
tri wheel male



thread right through



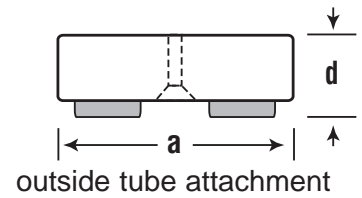
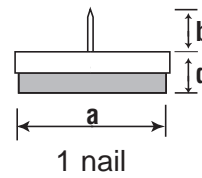
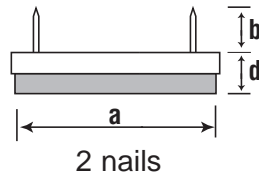
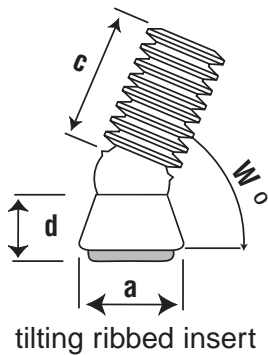
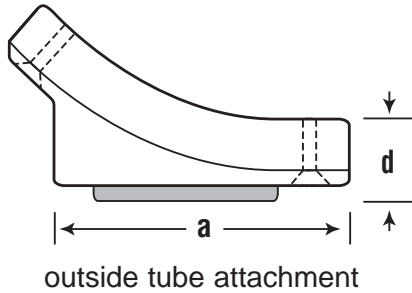
self assembly female



self assembly male



HANDWHEELS & "T" HANDLES - male & female



PART NUMBER	Tube O/D x wall thickness	Base diameter or size a (mm)	Felt colour	Nail# / thread & length b (mm)	Overall (felt+base) head d (mm)	Shank length C (mm)	Angle of inclination W °	Weight (grams)
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“NAIL-ON” feet - felt base

FGN-4883	round	14.0 o.d.	brown	1 x 14.0	8.5			2.0
FGN-4884	round	14.0 o.d.	white	1 x 14.0	8.5			2.0
FGN-4885	round	17.0 o.d.	brown	1 x 14.0	9.5			4.0
FGN-4886	round	17.0 o.d.	white	1 x 14.0	9.5			4.0
FGN-4887	round	28.0 o.d.	brown	1 x 14.0	10.0			6.0
FGN-4888	round	28.0 o.d.	white	1 x 14.0	10.0			6.0
FGN-4880	rectangle	30.0 x 18.0	brown	2 x 12.0	12.0			5.0
FGN-4881	oblong	38.0 x 18.0	brown	2 x 12.0	12.0			7.0
FGN-4882	oval	40.0 x 25.0	brown	2 x 12.0	13.0			9.0

round tube ribbed inserts with tilting FELT base

new TGF-4516	14 x 1.6 - 2.0	23.0 o.d.	brown		10.0	17.0	18 (-20)°	5.0
new TGF-4519	16 x 1.6 - 2.0	22.0 o.d.	brown		23.0	25.0	max. 25°	5.0
new TGF-4520	18 x 1.6 - 2.0	22.0 o.d.	brown		23.0	25.0	max. 25°	6.0
TGF-4521	19 x 1.6 - 2.0	25.0 o.d.	brown		20.0	24.5	19 (-22)°	6.0
new TGF-4517	20 x 1.6 - 2.0	25.0 o.d.	brown		23.0	25.0	max. 25°	7.0
TGF-4522	22 x 1.6 - 2.0	25.0 o.d.	brown		20.0	24.5	19 (-22)°	9.0
TGF-4523	25 x 1.6 - 2.0	25.0 o.d.	brown		20.0	24.5	19 (-22)°	11.0

square tube plain inserts with tilting FELT base

new STGF-4551	20 x 20 x 1.6	30.0 o.d.	brown		22.0	17.0	max. 24°	7.0
new STGF-4552	20 x 20 x 2.0	30.0 o.d.	brown		22.0	17.0	max. 24°	7.0
new STGF-4550	25 x 25 x 1.6	30.0 o.d.	brown		22.0	17.0	max. 24°	9.0

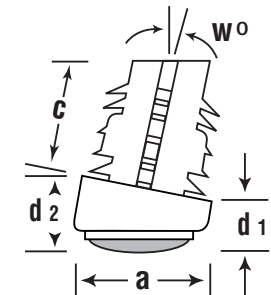
“SLED” base tube attachments - felt base

TGF-4521	19 x 1.6 - 2.0	25.0 o.d.	brown		20.0	24.5	19 (-22)°	6.0
TGF-4522	22 x 1.6 - 2.0	25.0 o.d.	brown		20.0	24.5	19 (-22)°	9.0
TGF-4523	25 x 1.6 - 2.0	25.0 o.d.	brown		20.0	24.5	19 (-22)°	11.0

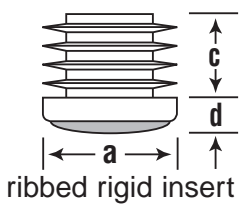
All the Felt based components should not have contact with fluids as this may lessen the life time of the felt; and are only suitable for even, jointless or tightly joined timber floors.

Do not use the felt based components on rough surfaces such as brick paving, stone or unfinished cement floors as felt will prematurely wear-out

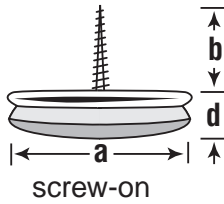
tilting inserts



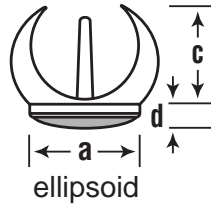
angled ribbed insert



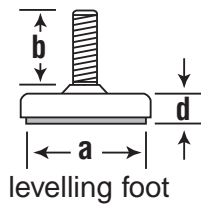
ribbed rigid insert



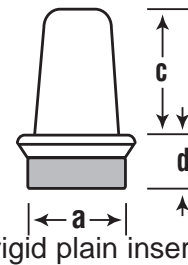
screw-on



ellipsoid



levelling foot



rigid plain insert

PART NUMBER	Tube O/D x wall thickness	Base diameter or size a (mm)	Felt colour	Nail # / thread & length b (mm)	Overall (felt+base) head d (mm)	Shank length C (mm)	Angle of inclination W °	Weight (grams)
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RIGID ribbed tube inserts - felt base

FRRi-4532	19 x 1.6 - 2.0	19.0	brown		10.0	15.0		3.0
FRRi-4529	20 x 1.6 - 2.0	20.0	brown		10.0	15.0		2.0
FRRi-4530	22 x 1.6 - 2.0	22.0	brown		10.0	15.0		2.0
FRRi-4531	25 x 1.6 - 2.0	25.0	brown		10.0	15.0		3.0
FRRi-4527	32 x 1.6 - 2.0	32.0	brown		10.0	15.0		4.0
FRRi-4528	38 x 1.6 - 2.0	38.0	grey		10.0	20.0		9.0

RIGID plain tube inserts - felt base

FPI-4524	17.0	fits 10.0 i.d. hole	black		10.0	13.0		3.0
FPI-4525	20.0	fits 14.0 i.d. hole	black		10.0	16.0		3.0
FPI-4526	24.0	fits 19.0 i.d. hole	black		10.0	20.0		6.0

ANGLED ribbed inserts - felt base

FRAi-4534	20 x 1.6 - 2.0	20.0	brown		15.0 - 11.0	23.0	18°-22°	5.0
FRAi-4535	20 x 1.6 - 2.0	20.0	brown		11.0 - 9.0	20.0	15°	4.0
FRAi-4536	25 x 1.6 - 2.0	25.0	brown		13.0 - 11.0	25.0	18°	8.0

RIGID levelling foot - felt base

FBRG-4507		34.0	Light brown	20.0	12.0	M8 thread		13.0
FBRG-4508		34.0	Light brown	50.0	12.0	M8 thread		30.0
FBRG-4509		34.0	Light brown	20.0	12.0	M10 thread		18.0
FBRG-4510		34.0	Light brown	50.0	12.0	M10 thread		33.0

also available: 24mm diameter on order

SCREW-ON metal cup - felt base

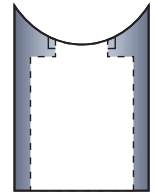
FBMS-4511		18.5	Light brown	15.0 screw	9.0			4.0
FBMS-4518		35.0	Light brown	15.0 screw	11.0			9.0

also available: 20.3mm, 22.4mm, 24.4mm, 28.4mm and 30.2mm diameters on order

PART NUMBER	Suits tube O.D. size (mm)	Base thickness a (mm)	Centre bolt or screw size	Centre hole dia b (mm)	Saddle O.D. C (mm)	Saddle base	Weight (grams)
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ROUND concave "saddle" spacer

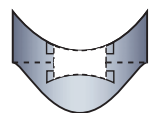
RCSW-3100	19.0	3.0	M6	6.5	20.0	flat	2.0
RCSW-3101	19.0	5.0	M6	6.5	20.0	flat	2.0
RCSW-3102	19.0	10.0	M6	6.5	20.0	flat	4.0
RCSW-3103	19.0	20.0	M6	6.5	20.0	recess	5.0
RCSW-3110	20.0 and 22.0	30.0	M6	6.5	20.0	recess	8.0
RCSW-3120	25.0 and 25.4	3.0	M6	6.5	20.0	flat	2.0
RCSW-3121	25.0 and 25.4	5.0	M6	6.5	20.0	flat	3.0
RCSW-3122	25.0 and 25.4	10.0	M6	6.5	20.0	recess	4.0
RCSW-3123	25.0 and 25.4	25.0	M6	6.5	20.0	recess	8.0
RCSW-3130	30.0 and 32.0	3.0	M8	8.5	25.0	flat	2.0
RCSW-3131	30.0 and 32.0	5.0	M8	8.5	25.0	flat	3.0
RCSW-3132	30.0 and 32.0	10.0	M8	8.5	25.0	flat	4.0
RCSW-3133	30.0 and 32.0	15.0	M8	8.5	25.0	recess	6.0
RCSW-3134	30.0 and 32.0	25.0	M8	8.5	25.0	recess	8.0
RCSW-3140	30.0 and 32.0	3.0	M10-12	12.2	30.0	flat	2.0
RCSW-3141	30.0 and 32.0	5.0	M10-12	12.2	30.0	flat	2.0
RCSW-3142	30.0 and 32.0	10.0	M10-12	12.2	30.0	flat	4.0
RCSW-3143	30.0 and 32.0	25.0	M10-12	12.2	30.0	recess	6.0
RCSW-3150	38.0	3.0	M10-12	12.2	30.0	flat	2.0
RCSW-3151	38.0	5.0	M10-12	12.2	30.0	flat	4.0
RCSW-3152	38.0	10.0	M10-12	12.2	30.0	flat	4.0
RCSW-3153	38.0	15.0	M10-12	12.2	30.0	flat	5.0
RCSW-3154	38.0	25.0	M10-12	12.2	30.0	recess	7.0
RCSW-3160	50.0 and 50.8	3.0	M10-12	12.2	30.0	flat	4.0
RCSW-3161	50.0 and 50.8	5.0	M10-12	12.2	30.0	flat	4.0
RCSW-3162	50.0 and 50.8	10.0	M10-12	12.2	30.0	flat	6.0
RCSW-3163	50.0 and 50.8	15.0	M10-12	12.2	30.0	flat	6.0
RCSW-3164	50.0 and 50.8	20.0	M10-12	12.2	30.0	recess	7.0
RCSW-3165	50.0 and 50.8	25.0	M10-12	12.2	30.0	recess	8.0
RCSW-3166	50.0 and 50.8	30.0	M10-12	12.2	30.0	recess	10.0



saddle recessed



saddle flat



saddle for cross tube 90°

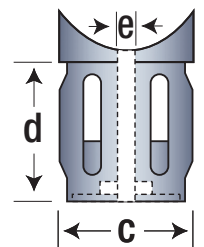
ROUND "saddle" spacer for "cross" tubes (at 90°)

RCSW-3080	16.0 to 20.0	10.0	M6	6.2	15.0	convex	3.0
RCSW-3081	20.0 to 22.0	3.0	M6	6.2	19.0	convex	3.0
RCSW-3082	25.0 to 25.4	3.0	M8	8.2	22.0	convex	3.0
RCSW-3083	30.0 to 32.0	3.5	M8	8.2	28.0	convex	6.0
RCSW-3084	38.0 to 42.0	5.0	M8	8.2	35.0	convex	10.0

PART NUMBER	Tube O.D. x wall thickness C (mm)	Joint angle	Shank length d (mm)	Tube O.D. to fit saddle	Expanding insert thread e (mm)	Weight (grams)
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ROUND "saddle" tube connector with expanding tube insert

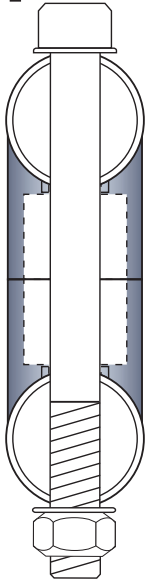
RTCE-3180	16.0 x 1.6	90°	20.0	16.0	M6	4.0
RTCE-3181	22.0 x 1.6	90°	20.0	22.0	M6	7.0
RTCE-3182	25.0 x 1.6	90°	26.0	25.0	M6	8.0
RTCE-3183	25.0 x 2.0	90°	26.0	25.0	M6	9.0
RTCE-3184	30.0 x 1.6	90°	26.0	30.0	M6	13.0
RTCE-3185	32.0 x 1.6	90°	26.0	32.0	M6	18.0
RTCE-3186	32.0 x 2.0	90°	26.0	32.0	M6	20.0



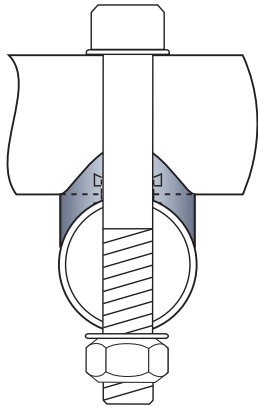
saddle with expanding insert

Materials: RCSW range-Nylon, RCSW range-Polyethylene, RTCE range-Nylon & mild steel hex nut ZP
Colours : Black

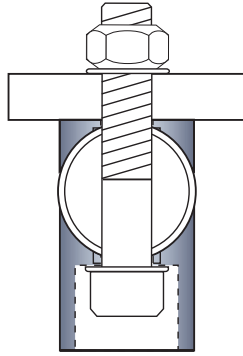
spacers & tube connectors



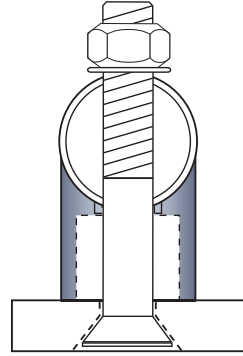
saddles to join parallel tubes



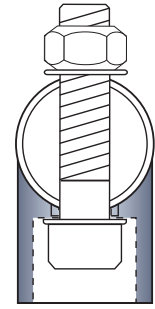
saddle "cross" joins 2 tubes at 90° angle



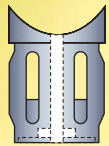
saddle (recessed) as a foot attached to plate



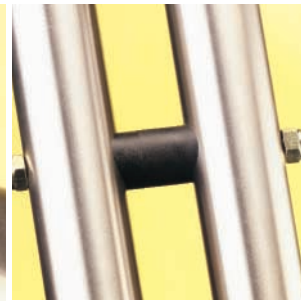
saddle to join tube to plate



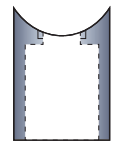
saddle (recessed) as a foot or glide



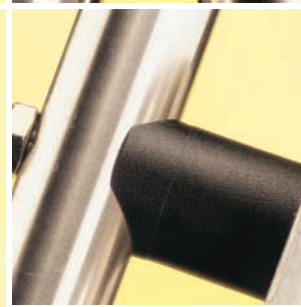
saddle with expanding insert



saddle flat x2



saddle recessed



saddle for cross tube 90°



ROUND "saddle" spacers & tube connectors

PART NUMBER	Length a (mm)	Centre hole length b (mm)	Overall flat width C (mm)	Centre hole width d (mm)	Overall height e (mm)	Hinge flap height f (mm)	Fixing bolt size	Fixing hole inner dia (mm) g	Fixing hole outer dia (mm) h	Weight (grams)
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HINGES with *stainless steel* rotation pin

HSS-3200	32.0	20.0	32.0	20.0	10.5	7.0	M4	4.5	8.0	19.0
HSS-3201	48.0	30.0	48.0	30.0	15.5	10.5	M6	6.5	13.0	26.0
HSS-3202	64.0	40.0	64.0	40.0	19.0	13.0	M6	6.5	13.0	54.0
HSS-3204	96.0	60.0	96.0	63.0	24.0	16.0	M10	10.5	20.0	153.0

for outdoor or indoor applications. Fasten from the front using countersunk screws
COLOUR: black BODY of HINGE: fibreglass reinforced nylon

HINGES lever locking, fibreglass reinforced nylon

HCLL-3210	48.0	28.0	50.0	30.0	16.0	9.0	M6	6.60	12.0	43.0
HCLL-3211	48.0	28.0	80.0	45.0	16.0	9.0	M6	6.60	12.0	55.0
HCLL-3212	48.0	28.0	100.0	55.0	16.0	9.0	M6	6.60	12.0	62.0

to connect panels or aluminium profiles. Can be locked in any position. Use M6 countersunk screws pull clamping lever outward to adjust its position, then release and it will lock into place. COLOUR: black

HINGE lever locking, heavy duty, die cast zinc

HCLL-3213	40.0	47.50	74.0	21.0	24.0	8.0	M8	8.20		211.0
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to connect panels or aluminium profiles. Can be locked in any position. Use M8 countersunk screws to fasten. Maximum load 250 Nm. Pull clamping lever outward to adjust its position. COLOUR: black

HINGES with cover caps, fibreglass reinforced nylon

HCC-3206	56.0	36.0	54.0	35.5	20.0	8.0	M6	6.40	10.2 hex	39.0
HCC-3207	56.0	36.0	73.5	45.5	20.0	8.0	M6	6.40	10.2 hex	51.0

to connect panels or aluminium profiles. COLOUR: black
FASTENING: from the front, using M6 screws. From behind, use hex nuts & screws

HINGE self closing, light duty

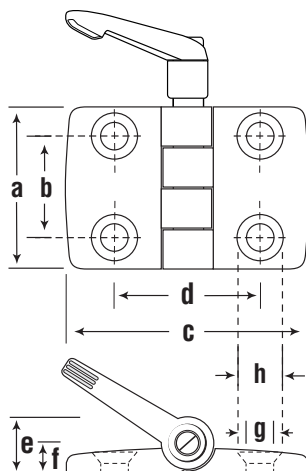
HLDR-3230	97.50	32.0/40.0	60.0	43.0	29.0	5.0	M6	6.0		110.0
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fits gates up to 25kgs-for a pair, based on a maximum size of 1524mm x 915mm (with maximum spacing between hinges). Flat mounting style. Weather resistant, self lubricating, internal stainless steel spring closer
COLOUR: black BODY OF HINGE: fibreglass reinforced nylon

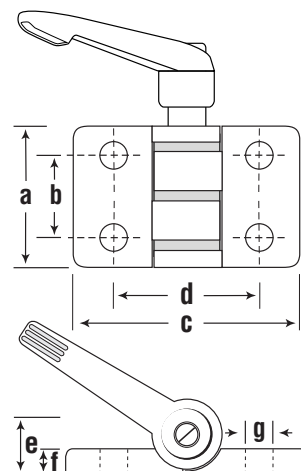
HINGE self closing, heavy duty

HHDR-3231	125.50	45.0	87.0	54.0	39.0	6.0	M6	7.0		285.0
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fits gates up to 60kgs-for a pair, based on a maximum size of 1834mm x 1220mm (with maximum spacing between hinges). Flat mounting style. Weather resistant, self lubricating, internal stainless steel spring closer
COLOUR: black BODY OF HINGE: fibreglass reinforced nylon

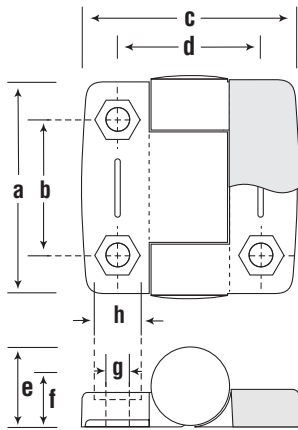


lever lock - nylon

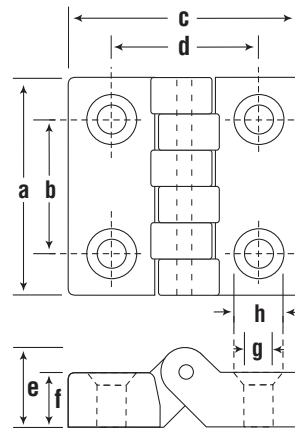


lever lock - die cast

lever locking, self closing



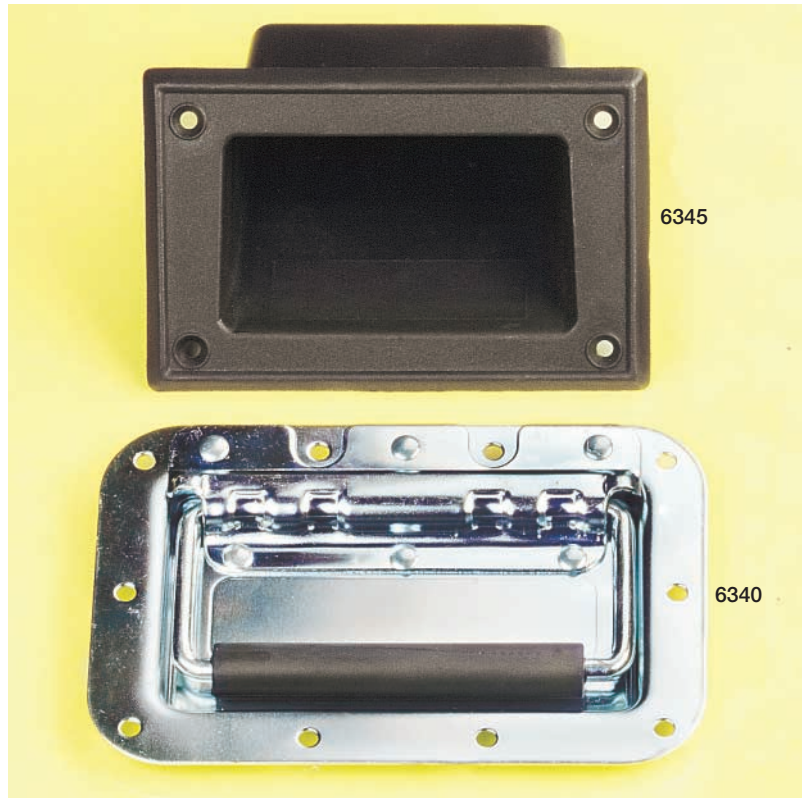
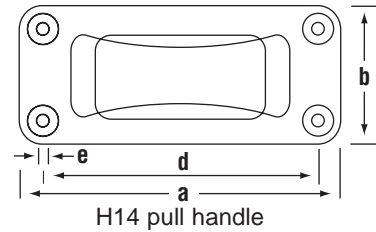
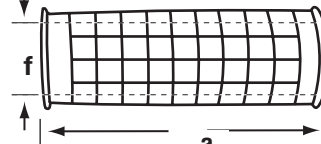
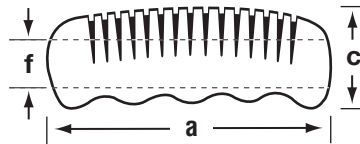
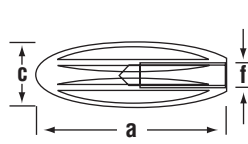
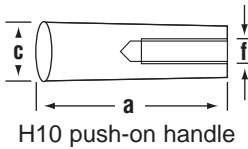
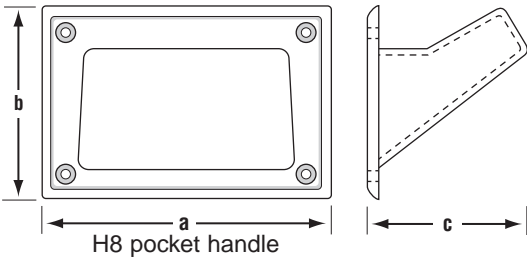
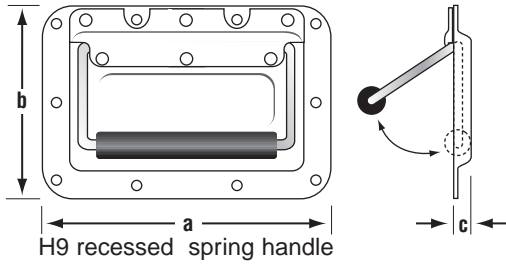
hinge with cover cap



hinge with stainless steel rotation pin



HINGES - all weather, lever locking, self closing



PART NUMBER	Type	Internal hole diameter f (mm)	Overall length a (mm)	Width C (mm)	Fixing Type	Colour	Materials	Weights (gms)
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Finger grips

FGH-6320	H3	19.0	105.0	30.0	push fit	black	polyethylene	60.0
FGH-6321	H3	22.0	105.0	30.0	push fit	black	polyethylene	50.0
FGH-6322	H3	25.0	105.0	30.0	push fit	black	polyethylene	52.0
FGH-6323	H4	25.4	122.0	32.0	push fit	black	PVC	46.0

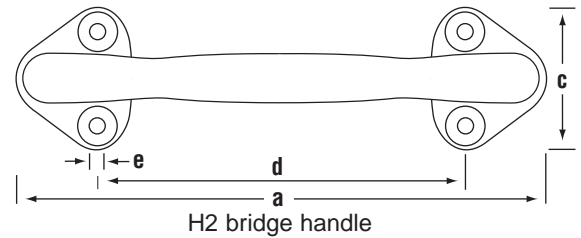
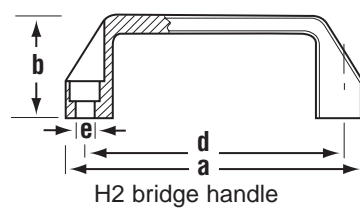
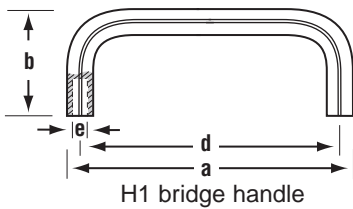
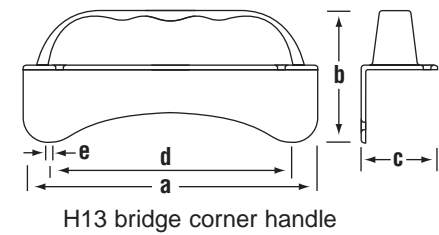
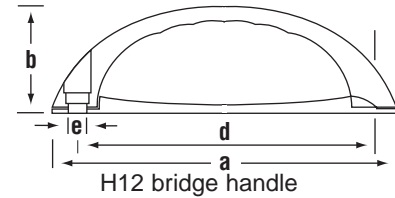
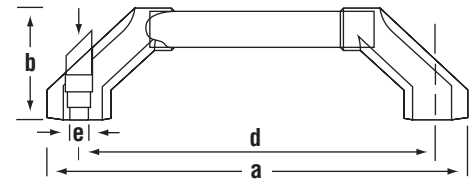
Round long handle grips

RHG-6330	H6	19.0	110.0	28.0	push fit	black	rubber	40.0
RHG-6331	H6	20.0	150.0	40.0	push fit	black	rubber	95.0
RHG-6334	H6	22.0	125.0	35.0	push fit	black	PE + foam	42.0
RHG-6333	H6	25.0	130.0	35.0	push fit	black	rubber	55.0
RHG-6335	H6	32.0	145.0	40.0	push fit	black	rubber	63.0
RHG-6332	H6	33.0	122.0	37.0	push fit	black	polyethylene	55.0

The vent hole at the base of the grip ensures air escapes during attachment. Suitable for use on pipe or solid shafts

Round short handles

new	RFSH-6350	H5	6.0	30.0	18.0	push fit	black	nylon	3.0
new	RSH-6355	H10	6.0	40.0	18.0	push fit	black	PA	13.0
new	RFSH-6351	H5	8.0	30.0	18.0	push fit	black	nylon	3.0
new	RSH-6356	H10	8.0	40.0	18.0	push fit	black	PA	14.0
new	RFSH-6352	H5	10.0	50.0	24.0	push fit	black	nylon	11.0
new	RSH-6357	H10	10.0	50.0	20.0	push fit	black	PA	18.0
new	RSH-6358	H10	12.0	91.0	27.0	push fit	black	PA	37.0



PART NUMBER	Type	Overall length a (mm)	Height b (mm)	Width c (mm)	Fixing Type	Fixing hole centre d (mm)	Fixing hole diameter e (mm)	Colour	Materials	Weight (gms)
Bridge handles										
PHP-6302	H2	136.0	40.0	25.0	bolt hole	117.0	6.5 / 11.0	black	glass reinforced Nylon	50.0
PHP-6304	H2	197.0	50.0	28.0	bolt hole	179.0	6.5 / 11.0	black	glass reinforced Nylon	88.0
PHFT-6312	H1	134.0	50.0	25.0	female thread	120.0	M6	black	as above + brass thread	83.0
PHFT-6313	H1	168.0	58.0	29.0	female thread	150.0	M8	black	as above	125.0
new PHFT-6314	H12	121.0	40.0	19.0	bolt hole	100.0	6.5	black	polymer with cover caps	125.0
new PHS-6306	H2	262.0	58.0	62.5	bolt hole	190.0	7.0	silver	cast iron	817.0
new PHCF-6305	H13	126.0	66.0	43.0	screw hole	100.0	6.5	black	polymer with cover caps	47.0

H12's cover plate width = 47mm

Bar-type handles

new BH-6315	H11	230.0	55.0	29.0	bolt hole	200.0	10.0	black	nylon with glass fibre	125.0
new BH-6316	H11	230.0	55.0	29.0	bolt hole	200.0	10.0	black	nylon with glass fibre	125.0

H11 handles have 20mm dia. mild steel tube plastic coated

Pocket handle - light duty

RPH-6345	H8	x	135.0	76.0	screw hole	black	PE	54.0
PHZ-6346	H14	x	133.0	60.0	screw hole	silver	zinc diecast	96.0

Cut-out in panel to fit the pocket handle is 102.0 x 59.0mm. 4 x 4.5mm id fixing holes at each corner of face.

Recessed spring hinge handle - heavy duty

HRH-6340	H9	x	160.0	105.0	screw hole	silver	mild steel (ZP)	335.0
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Constructed of pressed and riveted 1.2mm thick mild steel, bright zinc plated.

Handle has 15mm dia. thick moulded rubber grip - black. 10 x 5.0mm dia. fixing holes, metal backplate available on order.



threaded tube inserts



glides



rectangle inserts



felt base



twin wheel "hard" castors



round hole covers and vents