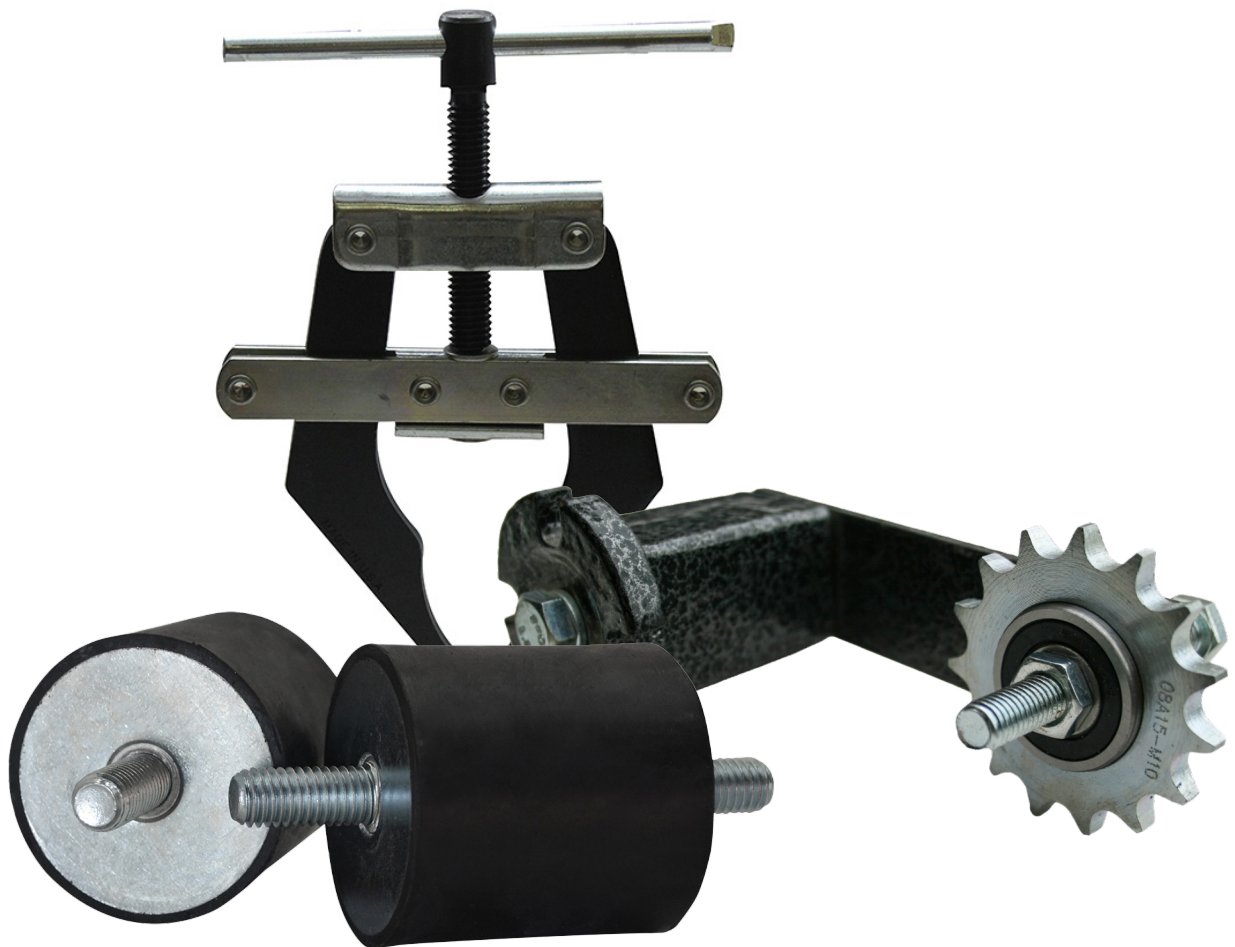


TRANSDRIVE®

DRIVE PERFORMANCE



Tools & Maintenance

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TRANSDRIVE[®]

DRIVE PERFORMANCE

TransDrive combines deep experience in power transmission with a focus on improving performance through reliable, cost-effective products.

Our range is manufactured and tested to ISO standards and proven in the demanding conditions of heavy industry.

Every TransDrive product is shaped by years of industry knowledge and a clear understanding of real-world operating requirements. This practical insight ensures solutions that perform reliably, reduce downtime, and deliver long service life.

With a strong commitment to engineering quality, TransDrive provides both standard and custom solutions, including pulleys, slew drives, chains, and sprockets. Each is designed to support higher productivity and dependable operation across industrial applications.

TransDrive supplies exclusively to Resellers, Wholesalers, and Original Equipment Manufacturers (OEMs).

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Contents

Chain Handling Tools 4

Chain Pullers & Breakers	5
--------------------------	---

Chain/Belt Tensioners 7

Type S with SC Sliding Block	8	Type L with AR Sliding Block	11
Type S with Roller	9	Type L with SC Sliding Block	12
Type S with Sprocket	10		

Chain/Belt Tensioner Arms 13

SE Chain & Belt (Rosta Style) Tensioner Arm	14	Block Tensioner Arm - SE Idler Sprocket	18
Block Tensioner Arm - OVR Sliding	16	Block Tensioner Arm - SE Belt Roller	19
Block Tensioner Arm - SB Bracket	17	Block Tensioner Arm - SP (Z-A-B) Pulley	20

Chain Wear Gauges 21

Chain Wear Measurement Ruler	22
------------------------------	----

Circlips 23

Internal	24	Stainless Steel Circlips: SS1400 - External	33
External	27	Heavy-Duty Circlips: External	34
Stainless Steel Circlips: SS1400 - External	32		

Grab Kits 35

Clip Grab Kits: Circlips - External	36	Woodruff Key Grab Kits: Metric	53
Clip Grab Kits: Circlips - Internal	37	Assorted Nuts & Bolts Grab Kit: Imperial	54
Clip Grab Kits: E Clip	38	Assorted Nuts & Bolts Grab Kit: Metric	55
Clip Grab Kits: Hose Clamp	39	Assorted Nuts & Bolts Grab Kit: Wing Nuts	56
Drill Bit Inserts	40	O-Ring: Imperial	57
Fuse Grab Kits: Car Fuse	41	O-Ring: Metric	58
Fuse Grab Kits: European Auto Fuse	42	Pin Grab Kits: Clevis & Hitch Pins	59
Fuse Grab Kits: Glass Fuse	43	Pin Grab Kits: Cotter Pins / Split Pins	60
Fuse Grab Kits: Lamp (Auto) Bulb	44	Pin Grab Kits: Hitch Pins	61
Fuse Grab Kits: Mini Car Fuse	45	Pin Grab Kits: Large Assorted Cotter Pins	62
Grease Nipple Grab Kits: Imperial	46	Pin Grab Kits: Roll Pin - Metric	63
Grease Nipple Grab Kits: Metric	47	Washer Grab Kits: Copper Washer	66
Grub Screw Grab Kits: Imperial	49	Washer Grab Kits: Lock & Flat Washer	67
Grub Screw Grab Kits: Metric	50	Washer Grab Kits: Sealing Washer	68
Machinery Key Grab Kits: Imperial	51	Wire Terminals	69
Machinery Key Grab Kits: Metric	52		

Anti-Vibration Mounts 70

Shore Hardness	71	F 38 - F 55	74
F 13 - F 25	72	F 60 - F 100	75
F 25 - F 38	73	Stud Details	76

Motor Mounts 77

Motor Slide Rails	78
-------------------	----

Vernier Calipers 79

Analogue Vernier Calipers	80
---------------------------	----

Chain Handling Tools

Chain handling tools are essential for working with chains, allowing for efficient installation, maintenance, and repair.

Chain tools play a vital role in chain assembly, maintenance, and repair processes. They enable proper tensioning, customisation, and cutting of chains, ensuring their optimal performance and longevity.

It is important to use the appropriate chain tools for the specific chain type and size to ensure safe and accurate handling.



Chain Puller

Chain pullers provide a swift and efficient solution for endless chain assembly. The two hooked jaws securely grip the chain ends, whilst the user-friendly hand screw, effortlessly guides the connecting link into position for a quick and hassle-free operation.

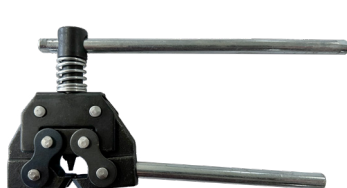
Engineered for durability, this tool guarantees precise and controlled chain handling across a variety of industrial applications.

Model	ANSI Chain Size	BS Chain Size	kg/set
TD-CP1	35 - 60	06B - 12B	0.23
TD-CP2	60 - 100	12B - 20B	0.7
TD-CP3	80 - 240	20B - 48B	1.12



Chain Breaker

The chain breaker is a lightweight hand tool that quickly disassembles roller chains without the need for a hammer, punch or vice. In short, "one tool does all the work".



Model	ANSI Chain Size	BS Chain Size	kg/set
TD-CB1	25 - 60	05B - 12B	0.36
TD-CB2	60 - 100	12B - 20B	1
TD-CB3	100-140	20B - 32B	6

Straight Punch Type Chain Cutter

Straight punch type Chain Cutter has much higher efficiency in quick disassembling for chains compared with the conventional chain cutter.

Model	ANSI Chain Size	BS Chain Size	kg/set
No. 25	25	05B	0.85
No. 35 - 40	35 - 40	06B - 08B	0.85
No. 50	50	10B	1.15
No. 60	60	12B	1.15
No. 80	80	16B	1.9
No. 100	100	20B	2.5



Roller Chain Riveting Punch

An essential tool in the assembly and maintenance of roller chains, the riveting punch secures the pins by deforming their ends, creating a rivet that holds the chain links together. The design includes a knurled handle, ensuring a secure grip for precise and effective use.

Model	ANSI Chain Size	BS Chain Size
RP-40	40	08B
RP-50	50	10B
RP-60	60	12B
RP-80	80	16B
RP-100	100	20B
RP-100HE	100HE	20B
RP-120HE	120HE	24B
RP140HE	140HE	28B
RP160HE	160HE	32B



Chain/Belt Tensioners

Chain tensioners are precision mechanical devices used to maintain consistent tension in industrial chain drive systems. They automatically adjust chain slack, reducing wear, minimising noise, and improving overall power transmission efficiency across various mechanical applications like conveyors, manufacturing equipment, and industrial machinery.



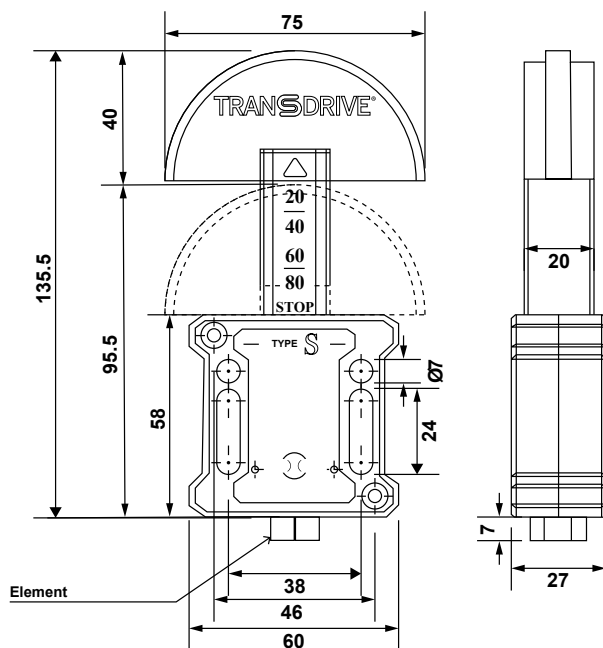
Type S with SC Sliding Block

The Type S with sliding block chain tensioner is an industrial chain tensioning device designed for heavy-duty applications. It features a semi-circular (SC) profile sliding block made from high-density polyethylene (HD 1000, green), which provides low friction and long wear life. The main body and column are constructed from PA6 polyamide reinforced with 30% fibreglass, ensuring strength and durability. All other components, such as the spring and fixings, are made from stainless steel (INOX 304L), offering corrosion resistance.

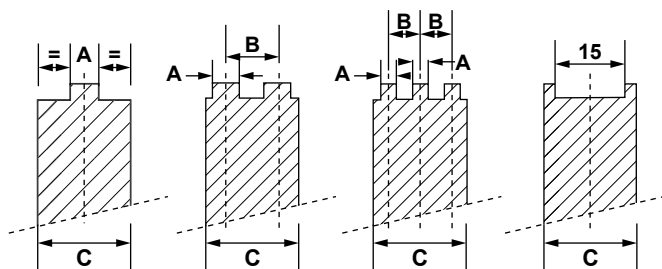
This tensioner is widely used in conveyor and power transmission systems to maintain optimal chain tension, reduce vibration, and extend chain life

Features

- ▶ Available in heavy (high voltage, 100–240 N) or light (low voltage, 60–140 N) spring tension versions.
- ▶ Suitable for simplex, duplex, and triplex chains, with a 40 mm tensioning stroke.
- ▶ Interchangeable with common industry tensioner sizes and compatible with a wide range of chain sizes (04B to 24B).
- ▶ The SC (semi-circular) sliding block style is ideal for chain angles up to 90°, providing smooth and reliable chain guidance



All measurements in mm.



Simplex Chain				
Part No.	Chain	A	B	C
S06B1H	06 B1	5	-	20
S06B1UH	06 B1	15	-	20
S08B1H	08 B1	7	-	20
S10B1H	10 B1	9	-	20
S12B1H	12 B1	11	-	20

Duplex Chain				
Part No.	Chain	A	B	C
S06B2H	06 B2	5	10.24	20
S08B2H	08 B2	7	13.92	20
S10B2H	10 B2	9	19.59	20
S12B1H	12 B1	11	-	20

Triplex Chain				
Part No.	Chain	A	B	C
S06B3H	06 B3	5	10.24	30
S08B3H	08 B3	7	13.92	35

All measurements in mm.

Stroke (m/m)					
Size	40	30	20	10	0
L	60	80	100	120	140
H	100	140	170	200	240

All measurements of Force measured in Newtons.

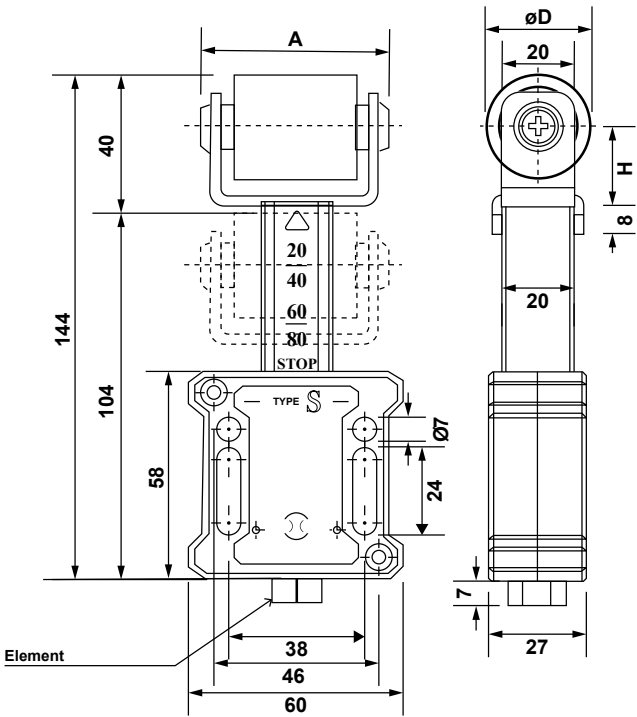
Type S with Roller

The Type S with Roller is a heavy-duty industrial chain tensioner designed for use with a polyamide (nylon) roller instead of a sliding block. This configuration is ideal for applications requiring low friction and high-speed operation, as the roller minimizes resistance and wear on the chain.

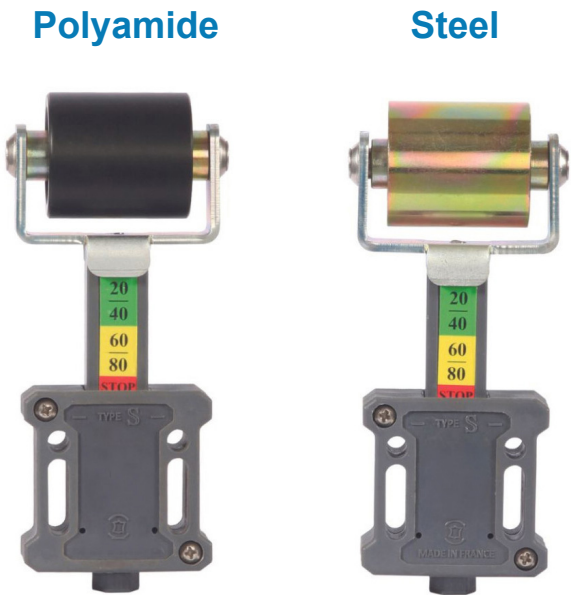
This tensioner is suitable for conveyor and power transmission systems where smooth, reliable chain guidance at high speeds is required

Features

- ▶ Polyamide roller with an outside diameter of 40 mm, suitable for high-speed applications up to 8,000 rpm.
- ▶ Heavy tension as standard, with an optional light tension version available.
- ▶ Main body and column constructed from reinforced polyamide for strength and durability.
- ▶ Compatible with various chain sizes and configurations (simplex, duplex, triplex).
- ▶ Provides consistent chain tension, reduces vibration, and extends chain and sprocket life.



All measurements are in mm.



Size	Stroke (m/m)				
	40	30	20	10	0
L	60	80	100	120	140
H	100	140	170	200	240

All measurements of Force measured in Newtons

Polyamide	Steel (Zinc Plated Steel Roller)	Stainless Steel (Roller & Bearing)	Polyamide-Stainless Steel	Max SPEED T/ mm	A	B	C	OD	H
Galvanized Steel + Polyamide Roller	Galvanized Steel Yoke + Galvanized Steel Roller	Stainless steel clevis + Stainless steel roller + Stainless steel bearing	Chape Inox + Galet Polyamide + Roulement Inox						
TDRE-2H	TDRU-2H	TDXRU-2H	TDXRE-2H	8000	54	35	45	30	22.5
TDRE-3/4H	TDRU-3/4H	TDXRU-3/4H	TDXRE-3/4H	8000	70	45	58	40	27.5

All measurements in mm.

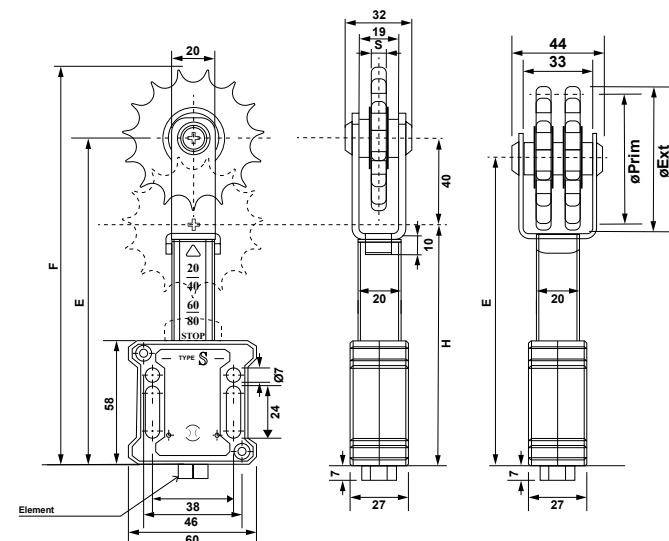
Type S with Sprocket

The Type S with Sprocket is a robust industrial chain tensioner designed for heavy-duty applications where chain guidance via a steel sprocket is preferred over sliding blocks or rollers. This tensioner uses a zinc-plated steel sprocket mounted on an enlarged bearing, ensuring smooth rotation and durability. The sprocket is available in various sizes to suit different British Standard simplex and duplex chains (e.g., 06B1, 06B2, 08B1, 08B2), with dimensions tailored to match chain pitch and width.

This configuration is ideal for applications where minimal chain wear and precise alignment are critical, such as conveyors and power transmission systems

Features

- ▶ Heavy tension as standard, with an optional light tension version available.
- ▶ Sprocket ensures precise and low-friction chain guidance, ideal for higher tension and speeds up to 60 m/min.
- ▶ Main body and arm constructed from high-strength materials for industrial reliability.
- ▶ Fully compatible with a wide range of chain sizes and configurations.
- ▶ Easy installation and interchangeable with other common tensioner types.



All measurements are in mm.

Simplex

Duplex



Steel

Stainless Steel

Size	Stroke (m/m)				
	40	30	20	10	0
L	60	80	100	120	140
H	100	140	170	200	240

All measurements of Force measured in Newtons.

Steel	Stainless Steel	Z	Chain		S	OD	PCD	F	E	H
			mm	BS						
TDRX-06B1H	TDRXI-06B1H	15	9.525	06 B 1	5.3	49.3	45.81	160	135	95
TDRX-06B2H	TDRXI-06B2H	15	9.525	06 B 2	5.3	49.3	45.81	168	143.5	103.5
TDRX-08B1H	TDRXI-08B1H	15	12.7	08 B 1	7.2	65.5	61.09	186	153.5	113.5
TDRX-08B2H	TDRXI-08B2H	15	12.7	08 B 2	7.2	65.5	61.09	176	143.5	103.5
TDRX-10B1H	TDRXI-10B1H	15	15.8	10 B 1	9.1	83	76.36	195	153.5	113.5

All measurements in mm.

Type L with AR Sliding Block

The Type L with AR sliding block is a heavy-duty chain tensioner designed for industrial chain drive systems. It features an "AR" (arc profile) sliding block, providing smooth, low-friction chain guidance and effective tensioning across simplex, duplex, and triplex chains. The AR sliding block is ideal for applications requiring robust tensioning over longer contact distances.

This tensioner is commonly used in conveyor and power transmission applications where reliable, long-life chain tensioning is essential

Features

- ▶ Arc profile (AR) sliding block for extended chain contact and reduced wear.
- ▶ Suitable for simplex, duplex, and triplex chains in a wide range of sizes
- ▶ Heavy tension as standard, with optional light tension available.
- ▶ Main body and column constructed from reinforced polyamide for strength and durability.
- ▶ Provides consistent tension, reduces vibration, and extends chain and sprocket life.

Simplex Chain				
Part No.	Chain	A	B	C
L-AR06B1H	06 B1	5	-	30
L-AR08B1H	08 B1	7	-	30
L-AR10B1H	10 B1	9	-	30
L-AR12B1H	12 B1	11	-	30
L-AR16B1H	16 B1	16	-	30
L-AR20B1H	20 B1	18	-	30

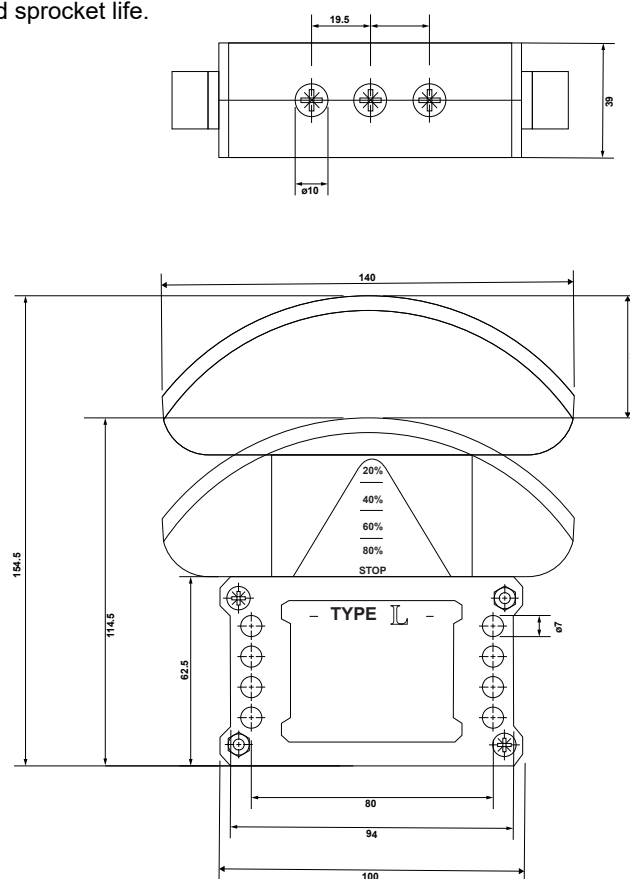
Duplex Chain				
Part No.	Chain	A	B	C
L-AR06B2H	06 B2	5	10.24	30
L-AR08B2H	08 B2	7	13.92	30
L-AR10B2H	10 B2	9	16.59	30
L-AR12B2H	12 B2	11	19.46	35
L-AR16B2H	16 B2	16	31.88	50

Triplex Chain				
Part No.	Chain	A	B	C
L-AR06B3H	06 B3	5	10.24	30
L-AR08B3H	08 B3	7	13.92	35

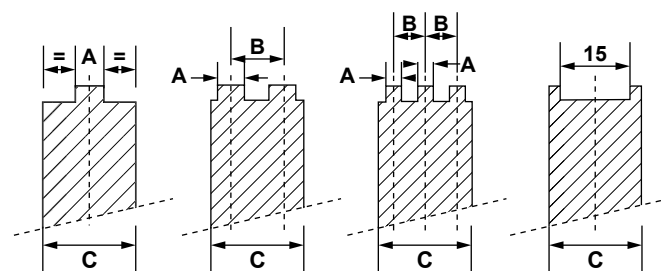
All measurements are in mm.

Type	Stroke (m/m)				
	40	30	20	10	0
1 Spring (L) Light Tension	60	80	100	120	140
1 Spring (H) Heavy Tension	100	140	170	200	240
2 Spring (L) Light Tension	120	160	200	240	280
2 Spring (H) Heavy Tension	200	270	340	400	480
3 Spring (L) Light Tension	180	240	300	360	420
3 Spring (H) Heavy Tension	300	420	500	600	720

All measurements of Force measured in Newtons.



All measurements are in mm



The Type L with SC (semi-circular) sliding block is a robust industrial chain tensioner designed for heavy-duty chain drive systems. It features a semi-circular profile sliding block, machined from green polyethylene HD 1000, which provides low friction and long wear life for effective chain guidance and tensioning.

This tensioner is commonly used in conveyor and power transmission applications requiring consistent, durable, and low-maintenance chain tensioning. It is interchangeable with industry-standard tensioners and suitable for various chain sizes and configurations

Features

- ▶ Semi-circular (SC) sliding block profile, ideal for maintaining chain alignment and tension over angles up to 90°.
- ▶ Main case constructed from PA6 polyamide reinforced with 30% glass fibre for high strength, with the column in black polyethylene HD 500.
- ▶ Compatible with a wide range of British Standard simplex, duplex, and triplex chains.
- ▶ Heavy tension as standard, with an optional light tension version available.
- ▶ Provides a 40 mm tensioning stroke for reliable chain engagement.
- ▶ Reduces vibration, minimizes chain wear, and extends the service life of both chain and sprockets.

Simplex Chain				
Part No.	Chain	A	B	C
L-SC06B1H	06 B1	5	-	30
L-SC08B1H	08 B1	7	-	30
L-SC10B1H	10 B1	9	-	30
L-SC12B1H	12 B1	11	-	30
L-SC16B1H	16 B1	16	-	30
L-SC20B1H	20 B1	18	-	30

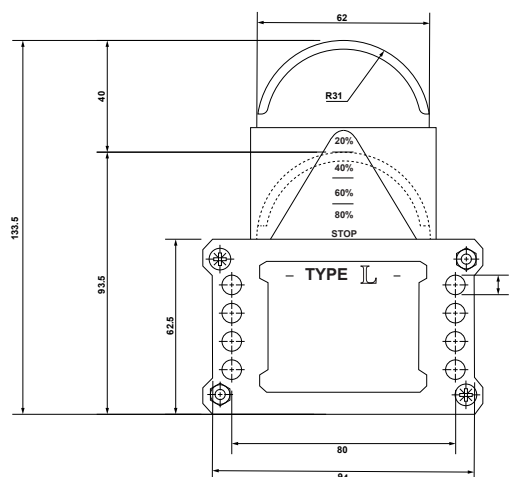
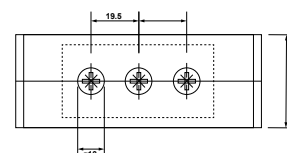
Duplex Chain				
Part No.	Chain	A	B	C
L-SC06B2H	06 B2	5	10.24	30
L-SC08B2H	08 B2	7	13.92	30
L-SC10B2H	10 B2	9	16.59	30
L-SC12B2H	12 B2	11	19.46	35

Triplex Chain				
Part No.	Chain	A	B	C
L-SC06B3H	06 B3	5	10.24	30
L-SC08B3H	08 B3	7	13.92	35

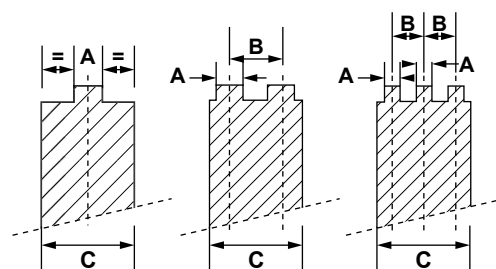
All measurements are in mm.

Type	Stroke (m/m)				
	40	30	20	10	0
1 Spring (L) Light Tension	60	80	100	120	140
1 Spring (H) Heavy Tension	100	140	170	200	240
2 Spring (L) Light Tension	120	160	200	240	280
2 Spring (H) Heavy Tension	200	270	340	400	480
3 Spring (L) Light Tension	180	240	300	360	420
3 Spring (H) Heavy Tension	300	420	500	600	720

All measurements of Force measured in Newtons.

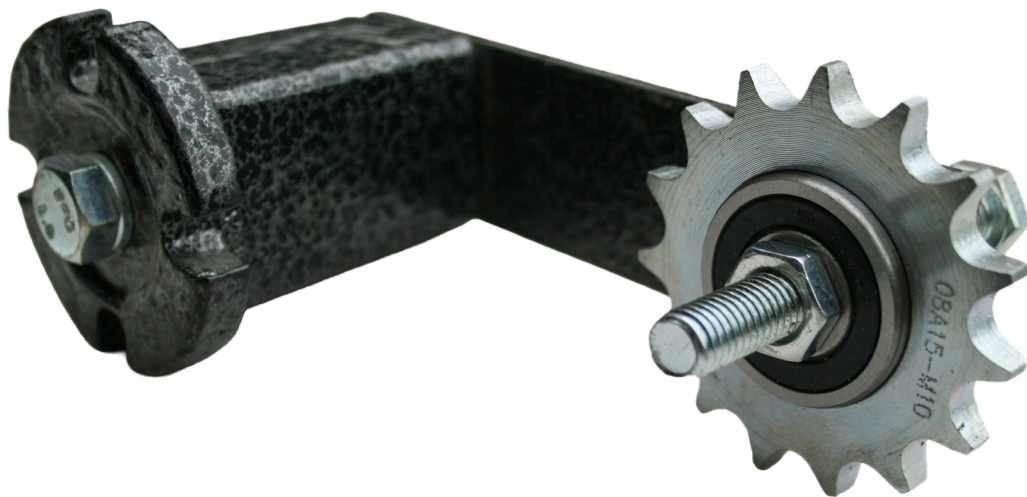


All measurements are in mm



Chain/Belt Tensioner Arms

The Elastomeric Tensioners utilise a reliable and well-established design to maintain consistent and uniform tension in both chain and belt drives, effectively compensating for chain and belt stretch.



SE Chain & Belt (Rosta Style) Tensioner Arm

Proven to be an effective way for tensioning chain and belt drives in most applications, the TransDrive Rubber Block Series Tensioner has been designed to ensure optimal performance and longevity with reduced maintenance issues. From conveyor systems to automotive engines, the Rubber Block Series Tensioners deliver consistent force, minimizing belt slippage and maximising efficiency.

Features

- ▶ A one nut mounting system, which allows for 360° rotation.
- ▶ Can be pTDRE-tensioned by up to 30°, this means that as the chain or belt stretches, the tensioner automatically takes up the slack as the elastomeric elements automatically adjust the drives tension.
- ▶ Chain and Belt life is increased by as much as 30%.
- ▶ Elastomeric parts absorb vibrations and shock loading.
- ▶ Maintenance Free – no metal on metal parts, lubrication free.
- ▶ Impervious to dust and dirt
- ▶ Operating temperature -40°C to +80°C.
- ▶ Two holes are provided on the arm, allowing two different levels of force to be generated: “normal” and “hard”. The “hard” setting deploys approximately 25% more force.

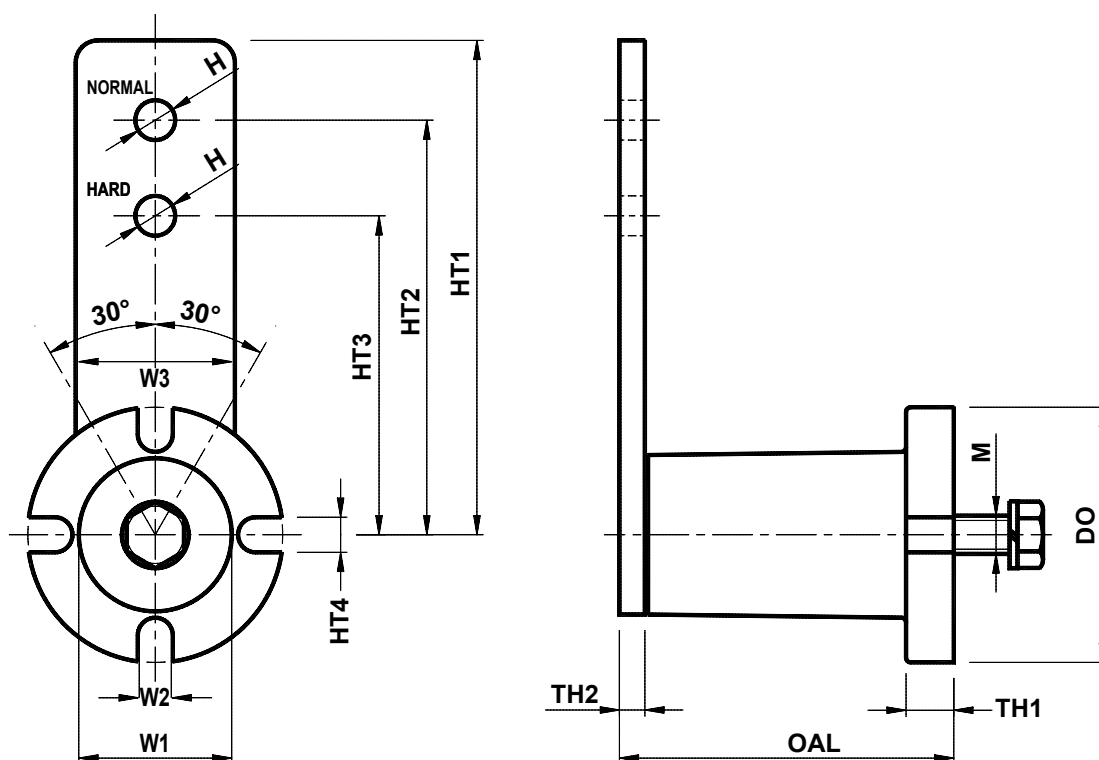


Materials

- ▶ Stainless Steel
- ▶ Galvanized
- ▶ Nickel Plated
- ▶ Plastic



SE Chain & Belt (Rosta Style) Tensioner Arm



Type	OD	OAL	TH1	HT2	HT3	W3	HT1	W1	W2	TH2	HT4	H	M	F in n/M 0 - 30°	Weight (kg)
SE11	35	50	5	80	60	20	90	20	7	7	6	8	M6	0-90	0.25
SE15	50	60	5	100	80	30	110	22	8	8	8	10	M8	0-140	0.45
SE18	60	75	6	100	80	40	115	35	9	10	11	10	M10	0-320	0.75
SE27	80	110	8	135	105	50	155	45	10	15	13	12	M12	0-820	1.8
SE38	105	140	10	180	140	65	200	62	13	16	15	20	M16	0-1500	3.7
SE45	115	200	12	225	190	70	260	78	17	18	20	20	M20	0-2500	6.5

All measurements in mm.

Type	Angle of Pretension (Force required in psi)						Mounting Bolt Torque
	10°		20°		30°		
	Normal	Hard	Normal	Hard	Normal	Hard	
SE11	3.4	4.5	9.0	11.9	18.0	23.9	89
SE15	5.6	7.0	14.6	18.2	30.4	37.8	221
SE18	16.9	20.9	40.5	50.6	78.7	98.2	434
SE27	33.8	43.8	85.4	111.1	179.8	233.8	761
SE38	65.3	81.4	164.1	205.0	337.2	4215	1859
SE45	112.5	140.5	292.5	365.6	584.5	730.7	3629

The optimum angle of pretension is 20°, the maximum angle is 30°. At 20° the tensioner has maximum capability to absorb vibrations and shock loads, and still have enough arc motion to automatically take up belt or chain stretch.

Tensioner Selection		
Chain	Belt	Tensioner
25-1	A	SE11
35-1-2-3	A, B	SE15
35-1-2-3	B, C	SE18
40-1-2-3		
40-3	D, E	SE27
50-1-2-3		
60-1-2-3		
80-1-2-3	-	SE38
80-3	-	SE45
100-1-2-3		
120-1-2-3		
140-1-2		
160-1-2		
180-1-2		
200-1-2		

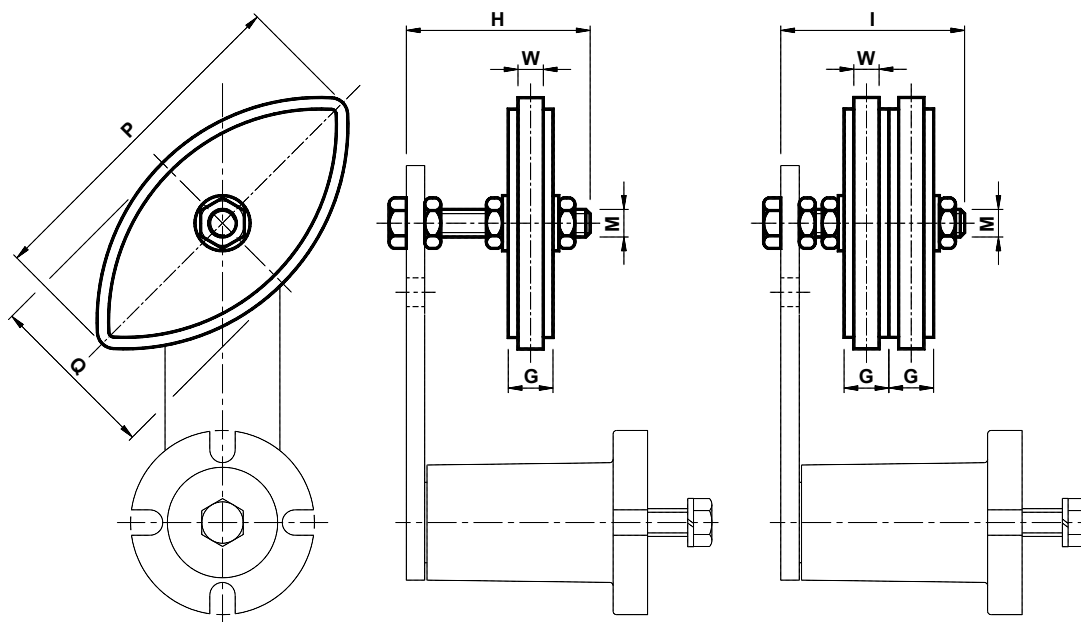
Block Tensioner Arm - OVR Sliding

The OVR Sliding Block Tensioner Kit is engineered for efficient chain tensioning in industrial applications. Made from high molecular density polyethylene, its unique oval design enables double-sided use for extended lifespan and versatility. Suitable for operating speeds up to 20 m/min and temperatures up to 70°C, the OVR kit is available in simplex and duplex versions to fit a variety of chain sizes.



Features

- ▶ High molecular density polyethylene construction for durability
- ▶ Dual-sided oval design for extended wear life
- ▶ Compatible with simplex ("S") and duplex ("D") chain systems
- ▶ Low friction, high wear resistance
- ▶ Operating speed ≤ 20 m/min
- ▶ Operating temperature $\leq 70^{\circ}\text{C}$
- ▶ Multiple sizes available for different chain types



Type	Simplex	Duplex	Chain	Size	A	B	C	E	G	H	I	L	M	P	Q	R	W	Weight kg		
																		S	D	T
OVR 10-1	RE011030	RE011040	3/8" x 7/32"	10	10	18		10	10.2	45	45		M8	75	40	35	5	0.09	0.10	
OVR 20-2	RE011032	RE011042	1/2" x 5/16"	20	14	20.5		10	13.9	55	55		M10	96	50	35	7	0.10	0.11	
OVR 30-2	RE011032	RE011044	1/2" x 5/16"	30	14	20.5	34	10	13.9	55	60	70	M10	96	50	35	7	0.11	0.12	0.13
OVR 30-3	RE011034	RE011046	5/8" x 3/8"	30	16.5	25		12	16.6	55	70		M10	126	65	45	9	0.12	0.14	
OVR 30-4	RE011036	RE011048	1/2" x 5/16"	30	17.5	30		12	19.5	60	70		M10	148	74	45	11	0.13	0.15	
OVR 40-4	RE011038	RE011050	1/2" x 5/16"	40	17.5	30	49	12	19.5	80	80	100	M12	148	74	45	11	0.20	0.22	0.28

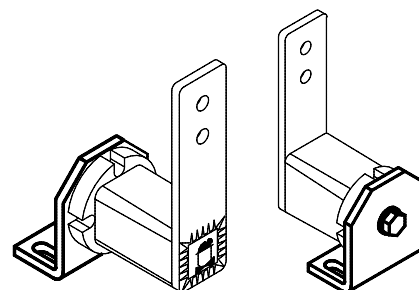
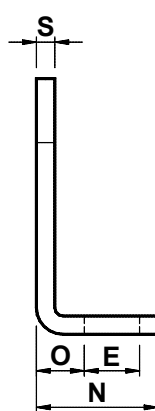
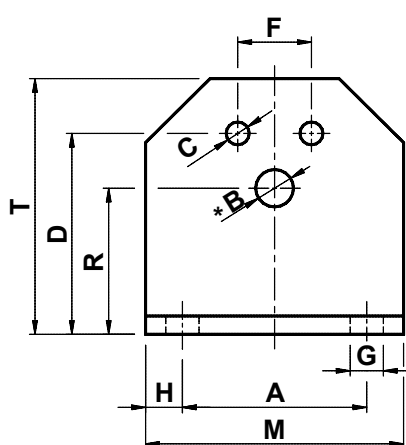
All measurements in mm unless otherwise stated.

Block Tensioner Arm - SB Bracket

The SB Bracket is a robust steel support designed to simplify the mounting of elastic elements, such as chain tensioners, onto machinery. It features dedicated mounting bores for secure fixation and is available in multiple sizes to suit various applications.

Features

- ▶ Facilitates quick and secure assembly of elastic elements on machines
- ▶ Made from durable steel for industrial reliability
- ▶ Multiple size options for compatibility with different setups
- ▶ Dedicated bore for easy fixation of CRESA tensioners (types RE, FE)
- ▶ Lightweight and compact design for versatile installation



Type	Code No.	A	Size	B	C	D	E	F	G	H	M	N	O	R	S	T	Weight kg
SB10	RE020510	30	10	6.5	5.5	35	13	10	7	7.5	45	30	11.5	27	4	46	0.09
SB20	RE020511	40	20	8.5	6.5	44	13	12	7	7.5	55	32	13.5	34	5	58	0.17
SB30	RE020512	50	30	10.5	8.5	55	15.5	20	9.5	10	70	38	16.5	43	6	74	0.29
SB40	RE020513	65	40	12.5	10.5	75	21.5	25	11.5	12.5	90	52	21	57	8	98	0.72
SB50	RE020514	80	50	16.5	12.5	85	24	35	14	15	110	55	21	66	8	116	0.93
SB60	RE020515	100	60	20.5	12.5	110	30	40	18	20	140	66	26	80	10	140	1.82

All measurements in mm unless otherwise stated.

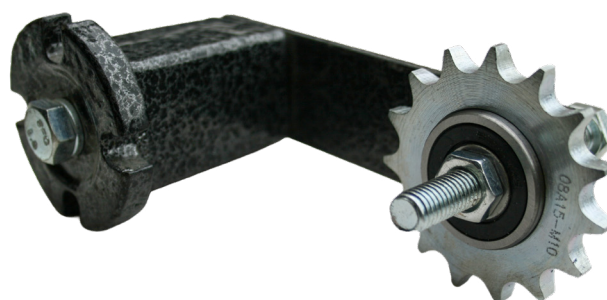
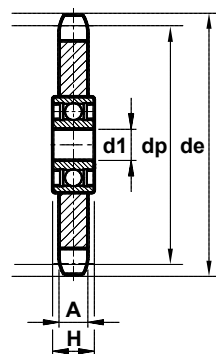
Block Tensioner Arm - SE Idler Sprocket

The SE idler sprocket for tensioner arms is a durable, maintenance-free sprocket designed for SE series chain tensioners. It ensures smooth chain operation and reliable tensioning across various chain sizes.

Ideal for conveyors and industrial machinery requiring consistent, trouble-free chain tension.

Features

- ▶ Automatically compensates for chain slack
- ▶ Reduces wear and extends chain life
- ▶ Minimises vibration and noise
- ▶ Easy installation and adjustment
- ▶ Maintenance-free, durable construction
- ▶ Enhances power transmission efficiency



Part No	Pitch	Teeth	de	dp	A	d1	Bolt	H
SE15/SE18-06B-15	3/8"	15	49.5	45.8	5.3	10	10x55	9
SE15/SE18-08B-15	1/2"	15	65.9	61.1	7.2	10	10x55	9
SE27-08B-15	1/2"	15	65.9	61.1	7.2	12	12x80	9
SE27-10B-15	5/8"	15	83.2	76.4	9.1	12	12x80	10
SE27-12B-15	3/4"	15	99.8	91.6	11.1	12	12x80	11.1
SE38-10B-15	5/8"	15	83.2	76.4	9.1	20	20x100	14
SE38-12B-15	3/4"	15	99.8	91.6	11.1	20	20x100	14
SE38-16B-13	1"	13	117.7	106.1	16.2	20	20x100	16
SE45-20B-13	1-1/4"	13	147.5	132.7	18.5	20	20x100	18

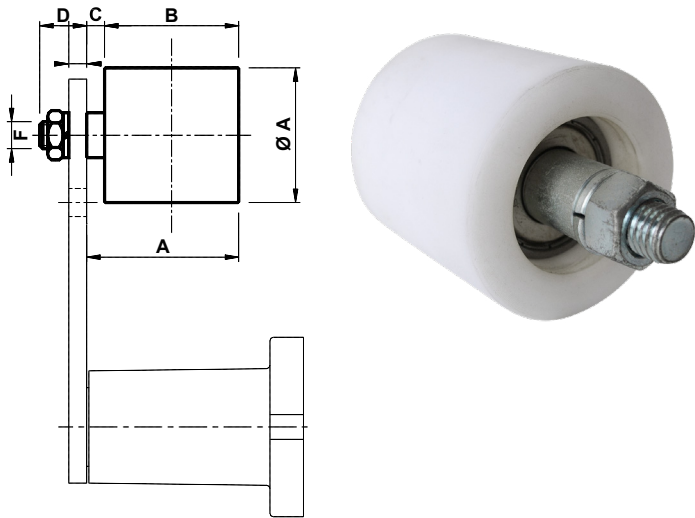
All measurements are in mm.

Block Tensioner Arm - SE Belt Roller

The durable nylon roller is specially designed for optimal belt tensioning on SE-11, SE-15/18, SE-27, SE-38, and SE-45 Arms. Made from high-quality, wear-resistant nylon, it ensures smooth, quiet operation and extends the lifespan of your equipment by maintaining consistent belt tension.

Features

- ▶ Compatible with multiple SE arm models for versatile use
- ▶ High durability reduces wear and maintenance needs
- ▶ Smooth operation minimises noise and vibration
- ▶ Extends belt and equipment life by preventing slippage
- ▶ Easy to install and maintain for improved uptime



Part No	Max Speed	Max Belt Width	A	B	C	D	E	F	Weight kg
	RPM								
SE11-BT30X35	8000	30	30	35	2	14	5	M8	0.08
SE15/18-BT40X45	8000	40	40	45	6	16	7	M10	0.17
SE27-BT60X60	6000	55	60	60	8	17	8	M12	0.4
SE38-BT80X90	5000	85	80	90	8	25	10	M20	1.15
SE45-BT80X135	4500	130	90	135	10	27	12	M20	1.75

All measurements are in mm.

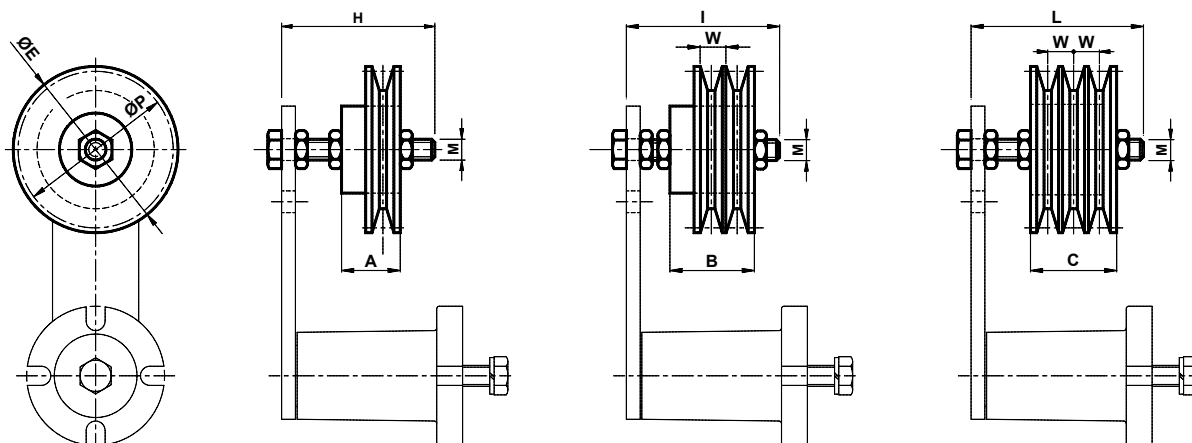
Block Tensioner Arm - SP (Z-A-B) Pulley

The SP pulley features a durable nylon roller designed for V-belts (profiles Z, A, B) compatible with SE-11, SE-15/18, SE-27, SE-38, and SE-45 arms. Mounted on lubricated bearings, it ensures smooth, maintenance-free operation. Available in single, double, or triple groove configurations to suit various belt setups. Custom profiles and cogged belt options are available upon request.



Features

- ▶ Reliable, consistent belt tension for smooth operation
- ▶ Reduces belt wear and slippage, extending equipment life
- ▶ Maintenance-free with lubricated bearings
- ▶ Minimises noise and vibration
- ▶ Versatile groove options for different belt configurations
- ▶ Resistant to dust and harsh environments
- ▶ Ideal for enhancing performance and longevity of your SE arm belt systems.



Type	S	D	T	Belt	Size	A	B	C	ØE	H	I	L	M	ØP	W	Weight kg		
																S	D	T
SP 30-Z	RE011800	RE011802	RE011804	SPZ	30	24	35	40	67	55	60	70	M10	63	12	0.40	0.70	1.10
SP 40-A	RE011806	RE011808	RE011810	SPA	40	34	49	50	95.6	80	80	80	M12	90	15	1.00	0.70	1.10
SP 40-B	RE011812	RE011814		SPB	40	41	60		132	90	80		M12	125	19	1.90	2.80	
SP 50-B			RE011816	SPB	50			63	132			120	M20	125	19			3.50

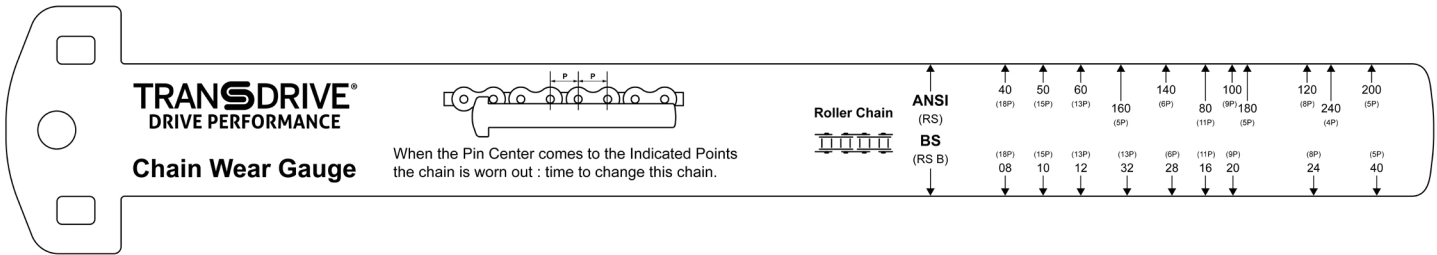
All measurements in mm unless otherwise stated.

Chain Wear Gauges

TransDrive Chain Wear Gauges provide a fast and accurate way to check chain pitch elongation, helping identify wear before it leads to premature failure. Suitable for RS roller chains, BS roller chains, and leaf chains, they make it easy to determine when a chain has reached its wear limit and requires replacement, supporting reliable operation and reduced maintenance downtime.



Chain Wear Measurement Ruler

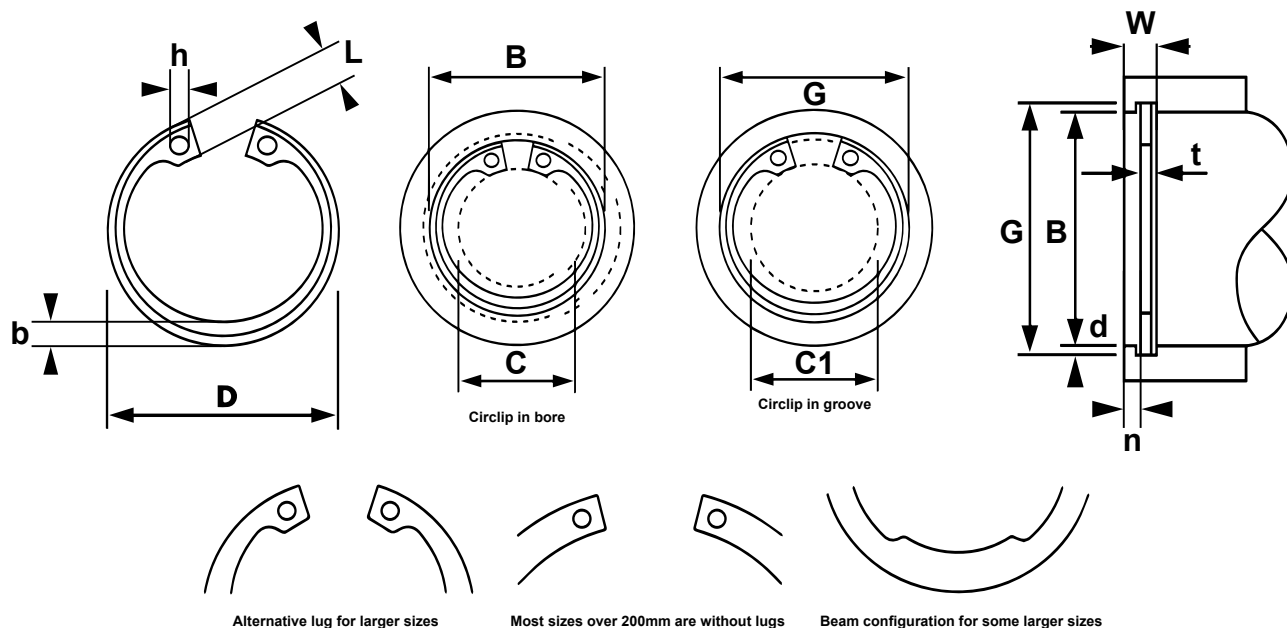


ANSI		BS		LEAF	Ref. pitch
RS 40		RS08B		400	18P
RS 50		RS10B		500	15P
RS 60		RS12B		600	13P
RS 80	RF2040	RS16B		800	11P
RS 100	RF2050	RS20B		1000	9P
RS 120	RF2060	RS24B		1200	8P
RS 140		RS28B		1400	6P
RS 160	RF2080	RS32B		1600	5P
RS 180					5P
RS 200	RF2100	RS40B			5P
RS 240	RF2120				4P

Circlips

TransDrive Circlips are high-quality retaining rings designed to securely hold components in place on shafts or within bores, preventing axial movement in a wide range of mechanical and industrial applications. Manufactured for strength, durability, and precise fitment, they provide a simple, reliable fastening solution that enables quick installation and removal while ensuring consistent performance in machinery, gearboxes, motors, bearings, and power transmission systems.

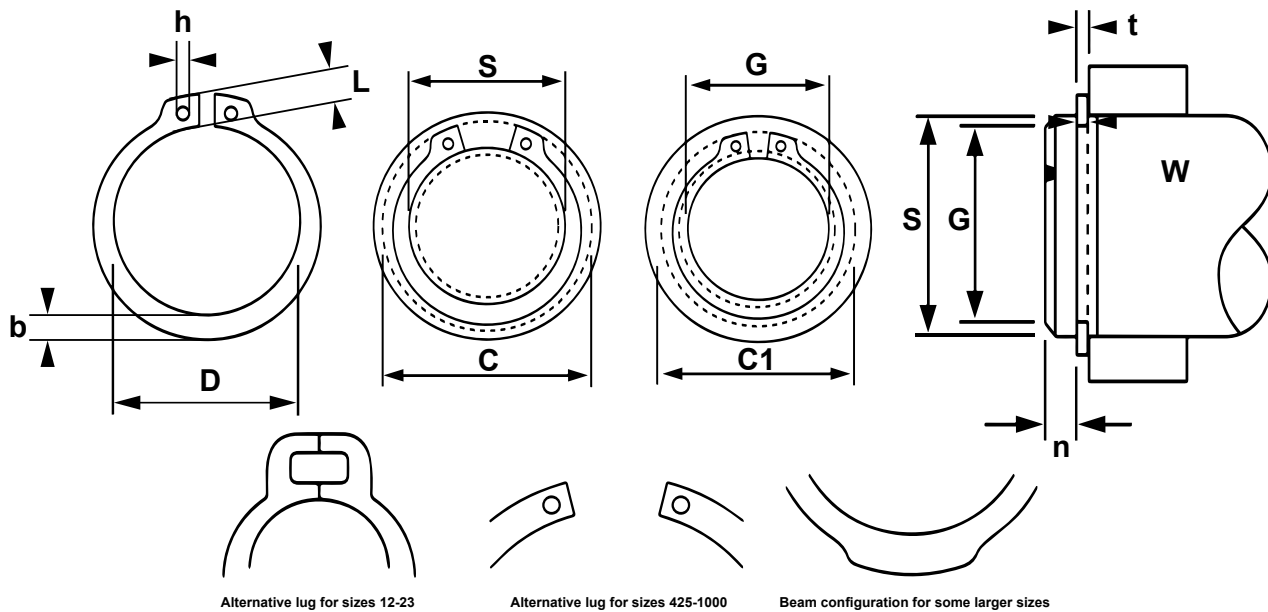




Size Code	Bore		Groove (G)							Circlips (F)						
	B	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h(min.)
1300-8	8	8.4	"(+).09 (-).00"	0.9	"(+).014 (-).00"	0.6	0.2	0.8	-	8.7	"(+).036 (-).010"	3	3.6	2.4	1.1	1
1300-9	9	9.4		0.9		0.6	0.2	0.8	-	9.8		3.7	4.4	2.5	1.3	1
1300-10	10	10.4	"(+).011 (-).00"	1.1		0.6	0.2	1	-	10.8		3.3	4	3.2	1.4	1.2
1300-11	11	11.4		1.1		0.6	0.2	1	-	11.8		4.1	4.8	3.3	1.5	1.2
1300-12	12	12.5		1.1		0.8	0.25	1	-	13		4.9	5.7	3.4	1.7	1.5
1300-13	13	13.6		1.1		0.9	0.3	1	-	14.1		5.4	6.4	3.6	1.8	1.5
1300-14	14	14.6		1.1		0.9	0.3	1	-	15.1		6.2	7.2	3.7	1.9	1.7
1300-15	15	15.7		1.1		1.1	0.35	1	-	16.2		7.2	8.3	3.7	2	1.7
1300-16	16	16.8		1.1		1.2	0.4	1	-	17.3		8	9.2	3.8	2	1.7
1300-17	17	17.8		1.1		1.2	0.4	1	-	18.3	"(+).042 (-).013"	8.8	10	3.9	2.1	1.7
1300-18	18	19	"(+).013 (-).00"	1.1		1.5	0.5	1	-	19.5		9.4	10.8	4.1	2.2	2
1300-19	19	20		1.1		1.5	0.5	1	-	20.5		10.4	11.8	4.1	2.2	2
1300-20	20	21		1.1		1.5	0.5	1	-	21.5		11.2	12.6	4.2	2.3	2
1300-21	21	22		1.1		1.5	0.5	1	-	22.5		12.2	13.6	4.2	2.4	2
1300-22	22	23	"(+).021 (-).00"	1.1		1.5	0.5	1	-	23.5		13.2	14.6	4.2	2.5	2
1300-23	23	24.1		1.3		1.7	0.6	1.2	-	24.6		14.2	15.7	4.2	2.5	2
1300-24	24	25.2		1.3		1.8	0.6	1.2	-	25.9	"(+).042 (-).021"	14.8	16.4	4.4	2.6	2
1300-25	25	26.2		1.3		1.8	0.6	1.2	-	26.9		15.5	17.2	4.5	2.7	2
1300-26	26	27.2	"(+).025 (-).00"	1.3		1.8	0.6	1.2	-	27.9		16.1	17.8	4.7	2.8	2
1300-27	27	28.4		1.3		2.1	0.7	1.2	-	29.1		17.1	19	4.7	2.9	2
1300-28	28	29.4		1.3		2.1	0.7	1.2	-	30.1		17.9	19.8	4.8	2.9	2
1300-29	29	30.4		1.3		2.1	0.7	1.2	-	31.1		18.9	20.8	4.8	3	2
1300-30	30	31.4	"(+).025 (-).00"	1.3		2.1	0.7	1.2	-	32.1		19.9	21.8	4.8	3	2
1300-31	31	32.7		1.3		2.6	0.85	1.2	-	33.4		20	22.3	5.2	3.2	2.5
1300-32	32	33.7		1.3		2.6	0.85	1.2	-	34.4		20.6	22.9	5.4	3.2	2.5
1300-33	33	34.7		1.3		2.6	0.85	1.2	-	35.5		21.6	23.9	5.4	3.3	2.5

Size Code	Bore		Groove (G)						Circlips (F)							
	B	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h(min.)
1300-34	34	35.7	"(+)0.25 (-)0.00"	1.6		2.6	0.85	1.5	"(+)0.00 (-)0.06"	36.5	"(+)0.50 (-)0.25"	22.6	24.9	5.4	3.3	2.5
1300-35	35	37		1.6		3	1	1.5		37.8		23.6	26.2	5.4	3.4	2.5
1300-36	36	38		1.6		3	1	1.5		38.8		24.6	27.2	5.4	3.5	2.5
1300-37	37	39		1.6		3	1	1.5		39.8		25.4	28	5.5	3.6	2.5
1300-38	38	40		1.6		3	1	1.5		40.8		26.4	29	5.5	3.7	2.5
1300-39	39	41		1.6		3	1	1.5		42	"(+)0.90 (-)0.39"	27.3	29.8	5.6	3.8	2.5
1300-40	40	42.5		1.85		3.8	1.25	1.75		43.5		27.8	30.9	5.8	3.9	2.5
1300-41	41	43.5		1.85		3.8	1.25	1.75		44.5		28.6	31.7	5.9	4	2.5
1300-42	42	44.5		1.85		3.8	1.25	1.75		45.5		29.6	32.7	5.9	4.1	2.5
1300-43	43	45.5		1.85		3.8	1.25	1.75		46.5		30.6	33.7	5.9	4.2	2.5
1300-44	44	46.5		1.85		3.8	1.25	1.75		47.5		31.4	34.5	6	4.2	2.5
1300-45	45	47.5		1.85		3.8	1.25	1.75		48.5		32	35.1	6.5	4.3	2.5
1300-46	46	48.5		1.85		3.8	1.25	1.75		49.5		32.8	35.9	6.3	4.4	2.5
1300-47	47	49.5	"(+)0.30 (-)0.00"	1.85	"(+)0.14 (-)0.00"	3.8	1.25	1.75	"(+)0.00 (-)0.07"	50.5	"(+)1.10 (-)0.46"	33.5	36.7	6.4	4.4	2.5
1300-48	48	50.5		1.85		3.8	1.25	1.75		51.5		34.5	37.7	6.4	4.5	2.5
1300-50	50	53		2.15		4.5	1.5	2		54.2		36.3	40	6.5	4.6	2.5
1300-51	51	54		2.15		4.5	1.5	2		55.2		37.3	41	6.5	4.7	2.5
1300-52	52	55		2.15		4.5	1.5	2		56.2		37.9	41.6	6.7	4.7	2.5
1300-53	53	56		2.15		4.5	1.5	2		57.2		39	42.6	6.7	4.9	2.5
1300-54	54	57		2.15		4.5	1.5	2		58.2		40	43.6	6.7	5	2.5
1300-55	55	58		2.15		4.5	1.5	2		59.2		40.7	44.4	6.8	5	2.5
1300-56	56	59		2.15		4.5	1.5	2		60.2		41.7	45.4	6.8	5.1	2.5
1300-57	57	60		2.15		4.5	1.5	2		61.2		42.7	46.4	6.8	5.2	2.5
1300-58	58	61	"(+)0.35 (-) 0.00"	2.15		4.5	1.5	2		62.2	"(+)1.30 (-)0.54"	43.5	47.2	6.9	5.2	2.5
1300-60	60	63		2.15		4.5	1.5	2		64.2		44.7	48.4	7.3	5.4	2.5
1300-61	61	64		2.15		4.5	1.5	2		65.2		45.7	49.4	7.3	5.4	2.5
1300-62	62	65		2.15		4.5	1.5	2		66.2		46.7	50.4	7.3	5.5	2.5
1300-63	63	66		2.15		4.5	1.5	2		67.2		47.7	51.4	7.3	5.6	2.5
1300-64	64	67		2.15		4.5	1.5	2		68.2		48.7	52.4	7.4	5.7	2.5
1300-65	65	68		2.65		4.5	1.5	2.5		69.2		49	52.8	7.6	5.8	3
1300-67	67	70		2.65		4.5	1.5	2.5		71.5		50.8	54.6	7.7	6	3
1300-68	68	71		2.65		4.5	1.5	2.5		72.5		51.6	55.4	7.8	6.1	3
1300-70	70	73		2.65		4.5	1.5	2.5		74.5		53.6	57.4	7.8	6.2	3
1300-72	72	75	"(+)0.35 (-) 0.00"	2.65		4.5	1.5	2.5		76.5		55.6	59.4	7.8	6.4	3
1300-75	75	78		2.65		4.5	1.5	2.5		79.5		58.6	62.4	7.8	6.6	3
1300-77	77	80		2.65		4.5	1.5	2.5		82.5	"(+)1.30 (-)0.54"	59.2	63	8.5	6.8	3
1300-78	78	81		2.65		4.5	1.5	2.5		82.5		60.1	64	8.5	6.8	3
1300-80	80	83.5		2.65		5.3	1.75	2.5		85.5		62.1	66.5	8.5	7	3
1300-81	81	84.5		2.65		5.3	1.75	2.5		86.5		62.2		8.5	7	3

Size Code	Bore			Groove (G)					Circlips (F)							
	B	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h(min.)
1300-82	82	85.5	"(+)0.35 (-) 0.00"	2.65	(+)0.14 (-) 0.00	5.3	1.75	2.5	(+)0.00 (-) 0.07	87.5	"(+)1.30 (-) 0.54"	64.1	68.5	8.5	7	3
1300-83	83	86.5		2.65		5.3	1.75	2.5		88.5		65.2	69.5	8.5	7	3
1300-85	85	88.5		3.15	"(+)0.00 (-) 0.08"	5.3	1.75	3	"(+)0.00 (-) 0.08"	90.5		66.9	71.3	8.6	7.2	3.5
1300-87	87	90.5		3.15		5.3	1.75	3		93.5		69	73.3	8.6	7.4	3.5
1300-88	88	91.5		3.15		5.3	1.75	3		93.5		69.9	74.3	8.6	7.4	3.5
1300-90	90	93.5		3.15		5.3	1.75	3		95.5		71.9	76.3	8.6	7.6	3.5
1300-92	92	95.5		3.15		5.3	1.75	3		97.5		73.7	78.1	8.7	7.8	3.5
1300-95	95	98.5		3.15		5.3	1.75	3		100.5		76.5	80.9	8.8	8.1	3.5
1300-97	97	100.5		3.15		5.3	1.75	3		103.5		78.1	82.5	9	8.3	3.5
1300-98	98	101.5		3.15		5.3	1.75	3		103.5		79	83.5	9	8.3	3.5
1300-100	100	103.5		3.15		5.3	1.75	3		105.5		80.6	85.1	9.2	8.4	3.5
1300-102	102	106	"(+)0.54 (-) 0.00"	4.15	"(+)0.18 (-) 0.00"	6	2	4	"(+)0.00 (-) 0.10"	108	"(+)1.50 (-) 0.63"	82	87	9.5	8.5	3.5
1300-105	105	109		4.15		6	2	4		112		85	90	9.5	8.7	3.5
1300-107	107	111		4.15		6	2	4		115		87	92	9.5	8.9	3.5
1300-108	108	112		4.15		6	2	4		115		88	93	9.5	8.9	3.5
1300-110	110	114		4.15		6	2	4		117		88.2	93.2	10.4	9	3.5
1300-112	112	116		4.15		6	2	4		119		90	95	10.5	9.1	3.5
1300-115	115	119		4.15		6	2	4		122		93	98	10.5	9.3	3.5
1300-117	117	121		4.15		6	2	4		125		94.6	99.6	10.7	9.6	3.5
1300-118	118	122		4.15		6	2	4		125		95.6	100.6	10.7	9.6	3.5
1300-120	120	124		4.15		6	2	4		127		96.9	102	11	9.7	3.5
1300-125	125	129	"(+)0.63 (-) 0.00"	4.15		6	2	4		132		101.9	107	11	10	4
1300-127	127	131		4.15		6	2	4		135		103.9	109	11	10	4
1300-128	128	132		4.15		6	2	4		135		104.9	110	11	10	4
1300-130	130	134		4.15		6	2	4		137		106.9	112	11	10.2	4
1300-135	135	139		4.15		6	2	4		142		111.5	116	11.2	10.5	4
1300-140	140	144		4.15		6	2	4		147		116.5	121	11.2	10.7	4
1300-145	145	149		4.15		6	2	4		152		121	126	11.4	10.9	4
1300-150	150	155		4.15		7.5	2.5	4		158		124.8	131	12	11.2	4
1300-155	155	160		4.15		7.5	2.5	4		164		129.8	136	12	11.4	4
1300-160	160	165		4.15		7.5	2.5	4		169		132.7	144	13	11.6	4
1300-165	165	170	"(+)0.72 (-) 0.00"	4.15		7.5	2.5	4		174.5	"(+)1.7 (-) 0.72"	137.7	144	13	11.8	4
1300-170	170	175		4.15		7.5	2.5	4		179.5		141.6	148	13.5	12.2	4
1300-175	175	180		4.15		7.5	2.5	4		184.5		146.6	153	13.5	12.7	4
1300-180	180	185		4.15		7.5	2.5	4		189.5		150.2	156	14.2	13.2	4
1300-185	185	190		4.15		7.5	2.5	4		194.5		155.2	161	14.2	13.7	4
1300-190	190	195		4.15		7.5	2.5	4		199.5		160.2	166	14.2	13.8	4
1300-195	195	200		4.15		7.5	2.5	4		204.5		165.2	171	14.2	13.8	4
1300-200	200	205		4.15		7.5	2.5	4		209.5		170.2	176	14.2	14	4



Alternative lug for sizes 12-23

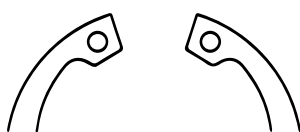
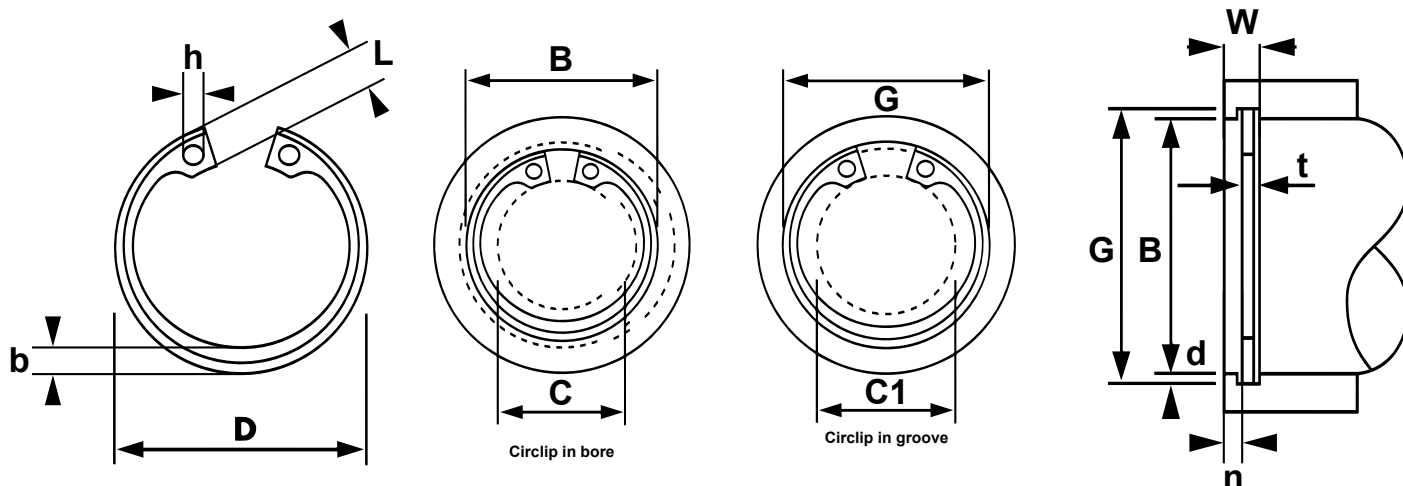
Alternative lug for sizes 425-1000

Beam configuration for some larger sizes

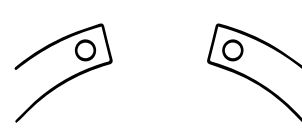
Size Code	Shaft		Groove (G)				Circlips (F)									
	S	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h(min.)
1400-3	3	2.8	(+)0.00 (-)0.04	0.5		0.3	0.1	0.4		2.7		7	6.6	1.9	0.8	1
1400-4	4	3.8		0.5		0.3	0.1	0.4		3.7	"(+0.04 (-)0.15"	8.6	8.2	2.2	0.9	1
1400-5	5	4.8	(+) 0.00 (-) 0.048	0.7		0.3	0.1	0.6	"(+0.00 (-)0.05"	4.7		10.3	9.8	2.5	1.1	1
1400-6	6	5.7		0.8		0.5	0.15	0.7		5.6		11.7	11.1	2.7	1.3	1.2
1400-7	7	6.7		0.9		0.5	0.15	0.8		6.5		13.5	12.9	3.1	1.4	1.2
1400-8	8	7.6	(+) 0.00 (-) 0.06	0.9		0.6	0.2	0.8		7.4	"(+0.06 (-) 0.18"	14.7	14	3.2	1.5	1.2
1400-9	9	8.6		1.1		0.6	0.2	1		8.4		16	15.2	3.3	1.7	1.2
1400-10	10	9.6		1.1		0.6	0.2	1		9.3		17	16.2	3.3	1.8	1.5
1400-11	11	10.5		1.1		0.8	0.25	1		10.2		18	17.1	3.3	1.8	1.5
1400-12	12	11.5		1.1		0.8	0.25	1		11		19	18.1	3.3	1.8	1.7
1400-13	13	12.4		1.1		0.9	0.3	1		11.9		20.2	19.2	3.4	2	1.7
1400-14	14	13.4		1.1		0.9	0.3	1		12.9	"(+0.10 (-)0.36"	21.4	20.4	3.5	2.1	1.7
1400-15	15	14.3	(+)0.00 (-)0.11	1.1	"(+0.14 (-)0.00"	1.1	0.35	1		13.8		22.5	21.5	3.6	2.2	1.7
1400-16	16	15.2		1.1		1.2	0.4	1		14.7		23.8	22.6	3.7	2.2	1.7
1400-17	17	16.2		1.1		1.2	0.4	1		15.7		25	23.8	3.8	2.3	1.7
1400-18	18	17		1.3		1.5	0.5	1.2	"(+0.00 (-)0.06"	16.5		26.2	24.8	3.9	2.4	2
1400-19	19	18		1.3		1.5	0.5	1.2		17.5		27.2	25.8	3.9	2.5	2
1400-20	20	19		1.3		1.5	0.5	1.2		18.5		28.4	27	4	2.6	2
1400-21	21	20	(+)0.00 (-)0.13	1.3		1.5	0.5	1.2		19.5	"(+0.13 (-)0.42"	29.6	28.2	4.1	2.7	2
1400-22	22	21		1.3		1.5	0.5	1.2		20.5		30.8	29.4	4.2	2.8	2
1400-23	23	22		1.3		1.5	0.5	1.2		21.5		32	30.6	4.3	2.9	2
1400-24	24	22.9		1.3		1.7	0.55	1.2		22.2		33.2	31.7	4.4	3	2
1400-25	25	23.9		1.3		1.7	0.55	1.2		23.2		34.2	32.7	4.4	3	2
1400-26	26	24.9	(+)0.00 (-)0.21	1.3		1.7	0.55	1.2		24.2	"(+0.21 (-)0.42"	35.5	33.9	4.5	3.1	2
1400-27	27	25.6		1.3		2.1	0.7	1.2		24.9		36.7	34.8	4.6	3.1	2
1400-28	28	26.6		1.6		2.1	0.7	1.5		25.9		37.9	36	4.7	3.2	2

Size Code	Shaft		Groove (G)							Circlips (F)						
	S	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h(min.)
1400-29	29	27.6	"(+)0.00 (-)0.21"	1.6		2.1	0.7	1.5		26.9	"(+)0.21 (-)0.42"	39.1	37.2	4.8	3.4	2
1400-30	30	28.6		1.6		2.1	0.7	1.5		27.9		40.5	38.6	5	3.5	2
1400-31	31	29.3		1.6		2.6	0.85	1.5		28.6		41.7	40.9	5.1	3.5	2.5
1400-32	32	30.3		1.6		2.6	0.85	1.5		29.6		43	40.7	5.2	3.6	2.5
1400-33	33	31.3		1.6		2.6	0.85	1.5		30.5		44	41.7	5.2	3.7	2.5
1400-34	34	32.3		1.6		2.6	0.85	1.5		31.5		45.4	43.1	5.4	3.8	2.5
1400-35	35	33		1.6		3	1	1.5		32.2	"(+)0.25 (-)0.5"	46.8	44.2	5.6	3.9	2.5
1400-36	36	34		1.85		3	1	1.75		33.2		47.8	45.2	5.6	4	2.5
1400-37	37	35		1.85		3	1	1.75		34.2		49	47	5.7	4.1	2.5
1400-38	38	36		1.85		3	1	1.75	"(+)0.00 (-)0.06"	35.2		50.2	47.6	5.8	4.2	2.5
1400-39	39	37		1.85		3	1	1.75		36		51.4	48.5	5.9	4.3	2.5
1400-40	40	37.5		1.85		3.8	1.25	1.75		36.5		52.6	49.5	6	4.4	2.5
1400-41	41	38.5	"(+)0.00 (-)0.25"	1.85		3.8	1.25	1.75		37.5		54	51.5	6.2	4.5	2.5
1400-42	42	39.5		1.85		3.8	1.25	1.75		38.5		55.7	52.5	6.5	4.5	2.5
1400-43	43	40.5		1.85		3.8	1.25	1.75		39.5		56.8	53.5	6	5.3	2.5
1400-44	44	41.5		1.85		3.8	1.25	1.75		40.5	"(+)0.39 (-)0.90"	57.9	55.4	6.6	4.6	2.5
1400-45	45	42.5		1.85		3.8	1.25	1.75		41.5		59.1	55.9	6.7	4.7	2.5
1400-46	46	43.5		1.85		3.8	1.25	1.75		42.5		60.1	56.9	6.7	4.8	2.5
1400-47	47	44.5		1.85	"(+)0.14 (-)0.00"	3.8	1.25	1.75		43.5		61.3	58.1	6.8	4.9	2.5
1400-48	48	45.5		1.85		3.8	1.25	1.75		44.5		62.5	59.3	6.9	5	2.5
1400-50	50	47		2.15		4.5	1.5	2		45.8		64.5	60.8	6.9	5.1	2.5
1400-51	51	48		2.15		4.5	1.5	2		46.8		65.6	61.9	6.9	5	2.5
1400-52	52	49		2.15		4.5	1.5	2		47.8		66.7	63	7	5.2	2.5
1400-53	53	50		2.15		4.5	1.5	2		48.8		68.8	64.1	7	6.3	2.5
1400-54	54	51		2.15		4.5	1.5	2		49.8		69	65.2	7.1	5.3	2.5
1400-55	55	52		2.15		4.5	1.5	2		50.8		70.2	66.4	7.2	5.4	2.5
1400-56	56	53		2.15		4.5	1.5	2		51.8		71.6	67.6	7.3	5.5	2.5
1400-57	57	54		2.15		4.5	1.5	2		52.8		72.3	69.3	7.3	5.5	2.5
1400-58	58	55		2.15		4.5	1.5	2		53.8		73.6	69.6	7.3	5.6	2.5
1400-60	60	57		2.15		4.5	1.5	2		55.8		75.6	71.8	7.4	5.8	2.5
1400-61	61	58	"(+)0.00 (-)0.30"	2.15		4.5	1.5	2	"(+)0.00 (-)0.07"	56.8		76.7	72.9	7.4	5.9	2.5
1400-62	62	59		2.15		4.5	1.5	2		57.8		77.8	74	7.5	6	2.5
1400-63	63	60		2.15		4.5	1.5	2		58.8		79	75.2	7.6	6.2	2.5
1400-64	64	61		2.15		4.5	1.5	2		59.8	"(+)0.46 (-)1.10"	80.2	76.4	7.8	7.4	2.5
1400-65	65	62		2.65		4.5	1.5	2.5		60.8		81.4	77.6	7.8	6.3	3
1400-67	67	64		2.65		4.5	1.5	2.5		62.5		83.6	79.8	7.9	6.4	3
1400-68	68	65		2.65		4.5	1.5	2.5		63.5		84.4	81	8	6.5	3
1400-70	70	67		2.65		4.5	1.5	2.5		65.5		87	83.2	8.1	6.6	3
1400-72	72	69		2.65		4.5	1.5	2.5		67.5		89.2	85.4	8.2	6.8	3

Size Code	Shaft			Groove (G)					Circlips (F)							
	S	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h(min.)
1400-75	75	72	"(+)0.00 (-)0.30"	2.65	"(+)0.14 (-)0.00"	4.5	1.5	2.5	"(+)0.00 (-)0.07"	70.5	"(+)0.46 (-)1.10"	92.7	88.8	8.4	7	3
1400-77	77	74		2.65		4.5	1.5	2.5		72.5		94.9	91	8.5	7.2	3
1400-78	78	75		2.65		4.5	1.5	2.5		73.5		96.1	92.2	8.6	7.3	3
1400-80	80	76.5		2.65		5.3	1.75	2.5		74.5		98.1	93.7	8.6	7.4	3
1400-82	82	78.5		2.65		5.3	1.75	2.5		76.5		100.3	95.9	8.7	7.6	3
1400-85	85	81.5	"(+)0.00 (-)0.35"	3.15		5.3	1.75	3	"(+)0.00 (-)0.08"	79.5		103.3	98.9	8.7	7.8	3.5
1400-87	87	83.5		3.15		5.3	1.75	3		81.5		105.5	100.9	8.8	7.9	3.5
1400-88	88	84.5		3.15		5.3	1.75	3		82.5		106.5	102	8.8	8	3.5
1400-90	90	86.5		3.15		5.3	1.75	3		84.5		108.5	104	8.8	8.2	3.5
1400-92	92	88.5		3.15		5.3	1.75	3		86.5		110.9	107.4	9	8.4	3.5
1400-95	95	91.5		3.15		5.3	1.75	3		89.5		114.8	111	9.4	8.6	3.5
1400-97	97	93.5		3.15		5.3	1.75	3		91.5		116.7	113.2	9.4	8.8	3.5
1400-98	98	94.5		3.15		5.3	1.75	3		91.5		118.6	114	9.4	8.8	3.5
1400-100	100	96.5		3.15		5.3	1.75	3		94.5	"(+)0.54 (-)1.30"	120.2	116	9.6	9	3.5
1400-102	102	98		4.15		6	2	4		95		122.4	118	9.7	9.2	3.5
1400-105	105	101	"(+)0.00 (-)0.54"	4.15		6	2	4	"(+)0.00 (-)0.1"	98		126.2	122	9.9	9.3	3.5
1400-110	110	106		4.15		6	2	4		103		131.2	127	10.1	9.6	3.5
1400-112	112	108		4.15		6	2	4		105		133.6	129.6	10.3	9.7	3.5
1400-115	115	111		4.15		6	2	4		108		137.3	133	10.6	9.8	3.5
1400-120	120	116		4.15		6	2	4		113		143.1	138	11	10.2	3.5
1400-122	122	118		4.15		6	2	4		115		145.5	141.5	11.2	10.3	4
1400-125	125	121	"(+)0.00 (-)0.63"	4.15	"(+)0.18 (-)0.00"	6	2	4		118	"(+)0.63 (-)1.5"	149	144	11.4	10.4	4
1400-127	127	123		4.15		6	2	4		120		150.9	146.8	11.4	10.5	4
1400-128	128	124		4.15		6	2	4		120		151.9	147.9	11.4	10.5	4
1400-130	130	126		4.15		6	2	4		123		154.4	150	11.6	10.7	4
1400-135	135	131		4.15		6	2	4		128		159.8	155	11.8	11	4
1400-140	140	136		4.15		6	2	4		133		165.2	160	12	11.2	4
1400-145	145	141		4.15		6	2	4		138		170.6	166	12.2	11.5	4
1400-150	150	145		4.15		7.5	2.5	4		142		177.3	171	13	11.8	4
1400-155	155	150		4.15		7.5	2.5	4		146		182.3	176	13	12	4
1400-160	160	155		4.15		7.5	2.5	4		151		188	182	13.3	12.2	4
1400-165	165	160	"(+)0.00 (-)0.72"	4.15		7.5	2.5	4		155.5	"(+)0.72 (-)1.7"	193.4	187	13.5	12.5	4
1400-170	170	165		4.15		7.5	2.5	4		160.5		198.4	192	13.5	12.9	4
1400-175	175	170		4.15		7.5	2.5	4		165.5		203.4	197	13.5	12.9	4
1400-180	180	175		4.15		7.5	2.5	4		170.5		210	204	14.2	13.5	4
1400-185	185	180		4.15		7.5	2.5	4		175.5		215.2	209	14.2	13.5	4
1400-190	190	185		4.15		7.5	2.5	4		180.5		220	214	14.2	14	4
1400-195	195	190		4.15		7.5	2.5	4		185.5		225	219	14.2	14	4
1400-200	200	195		4.15		7.5	2.5	4		190.5		230	224	14.2	14	4



Alternative lug for larger sizes



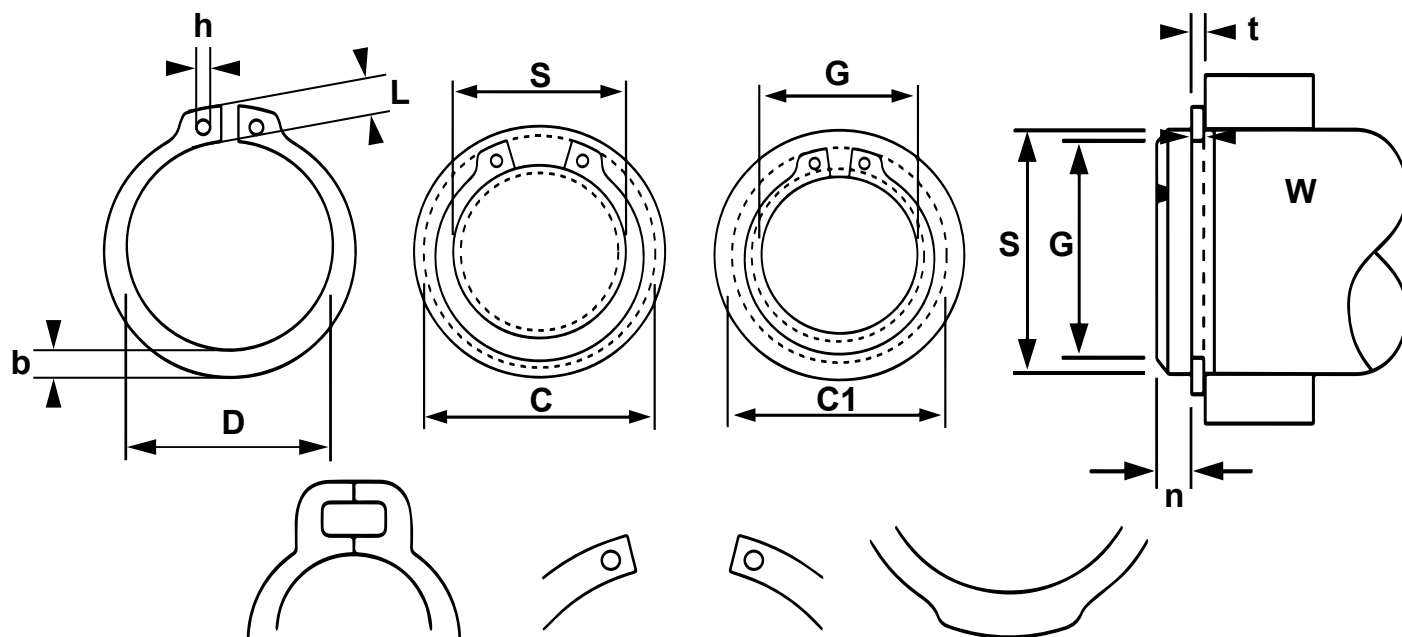
Most sizes over 200mm are without lugs



Beam configuration for some larger sizes

Size Code	Bore		Groove (G)				Circlips (F)									
	B	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h(min.)
1300-10	10	10.4	"(+0.11 (-)0.00"	1.1	"(+0.14 (-)0.00"	0.6	0.2	1	-	10.8	-	3.3	4	3.2	1.4	1.2
1300-11	11	11.4		1.1		0.6	0.2	1	-	11.8		4.1	4.8	3.3	1.5	1.2
1300-12	12	12.5		1.1		0.8	0.25	1	-	13		4.9	5.7	3.4	1.7	1.5
1300-13	13	13.6		1.1		0.9	0.3	1	-	14.1		5.4	6.4	3.6	1.8	1.5
1300-14	14	14.6		1.1		0.9	0.3	1	-	15.1		6.2	7.2	3.7	1.9	1.7
1300-15	15	15.7		1.1		1.1	0.35	1	-	16.2		7.2	8.3	3.7	2	1.7
1300-16	16	16.8		1.1		1.2	0.4	1	-	17.3		8	9.2	3.8	2	1.7
1300-17	17	17.8	"(+0.13 (-)0.00"	1.1		1.2	0.4	1	-	18.3	"(+0.42 (-)0.13"	8.8	10	3.9	2.1	1.7
1300-18	18	19		1.1		1.5	0.5	1	-	19.5		9.4	10.8	4.1	2.2	2
1300-19	19	20		1.1		1.5	0.5	1	-	20.5		10.4	11.8	4.1	2.2	2
1300-20	20	21		1.1		1.5	0.5	1	-	21.5		11.2	12.6	4.2	2.3	2
1300-21	21	22		1.1		1.5	0.5	1	-	22.5		12.2	13.6	4.2	2.4	2
1300-22	22	23		1.1		1.5	0.5	1	-	23.5		13.2	14.6	4.2	2.5	2
1300-24	24	25.2	"(+0.21 (-)0.00"	1.3		1.8	0.6	1.2	-	25.9	"(+0.42 (-)0.21"	14.8	16.4	4.4	2.6	2
1300-25	25	26.2		1.3		1.8	0.6	1.2	-	26.9		15.5	17.2	4.5	2.7	2
1300-26	26	27.2		1.3		1.8	0.6	1.2	-	27.9		16.1	17.8	4.7	2.8	2
1300-27	27	28.4		1.3		2.1	0.7	1.2	-	29.1		17.1	19	4.7	2.9	2
1300-28	28	29.4		1.3		2.1	0.7	1.2	-	30.1		17.9	19.8	4.8	2.9	2
1300-29	29	30.4	"(+0.25 (-)0.00"	1.3		2.1	0.7	1.2	-	31.1		18.9	20.8	4.8	3	2
1300-30	30	31.4		1.3		2.1	0.7	1.2	-	32.1		19.9	21.8	4.8	3	2
1300-32	32	33.7		1.3		2.6	0.85	1.2	-	34.4		20.6	22.9	5.4	3.2	2.5

Size Code	Bore		Groove (G)						Circlips (F)							
	B	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h(min.)
1300-34	34	35.7	"(+)"0.25 (-)0.00"	1.6		2.6	0.85	1.5	"(+)"0.00 (-)0.06"	36.5	"(+)"0.50 (-)0.25"	22.6	24.9	5.4	3.3	2.5
1300-35	35	37		1.6		3	1	1.5		37.8		23.6	26.2	5.4	3.4	2.5
1300-36	36	38		1.6		3	1	1.5		38.8		24.6	27.2	5.4	3.5	2.5
1300-37	37	39		1.6		3	1	1.5		39.8		25.4	28	5.5	3.6	2.5
1300-38	38	40		1.6		3	1	1.5		40.8		26.4	29	5.5	3.7	2.5
1300-39	39	41	"(+)"0.25 (-)0.00"	1.6		3	1	1.5	"(+)"0.00 (-)0.06"	42	"(+)"0.90 (-)0.39"	27.3	29.8	5.6	3.8	2.5
1300-40	40	42.5		1.85		3.8	1.25	1.75		43.5		27.8	30.9	5.8	3.9	2.5
1300-42	42	44.5		1.85		3.8	1.25	1.75		45.5		29.6	32.7	5.9	4.1	2.5
1300-45	45	47.5		1.85		3.8	1.25	1.75		48.5		32	35.1	6.5	4.3	2.5
1300-47	47	49.5		1.85		3.8	1.25	1.75		50.5		33.5	36.7	6.4	4.4	2.5
1300-50	50	53	"(+)"0.30 (-)0.00"	2.15	"(+)"0.14 (-)0.00"	4.5	1.5	2	"(+)"0.00 (-)0.07"	54.2	"(+)"1.10 (-)0.46"	36.3	40	6.5	4.6	2.5
1300-51	51	54		2.15		4.5	1.5	2		55.2		37.3	41	6.5	4.7	2.5
1300-52	52	55		2.15		4.5	1.5	2		56.2		37.9	41.6	6.7	4.7	2.5
1300-55	55	58		2.15		4.5	1.5	2		59.2		40.7	44.4	6.8	5	2.5
1300-56	56	59		2.15		4.5	1.5	2		60.2		41.7	45.4	6.8	5.1	2.5
1300-57	57	60		2.15		4.5	1.5	2		62.2		42.7	46.4	6.8	5.1	2.5
1300-58	58	61		2.15		4.5	1.5	2		62.2		43.5	47.2	6.9	5.2	2.5
1300-59	59	-		-		-	-	-		-		-	-	-	-	-
1300-60	60	63		2.15		4.5	1.5	2		64.2		44.7	48.4	7.3	5.4	2.5
1300-61	61	-		2.15		-	-	-		-		-	-	-	-	-
1300-62	62	65		2.15		4.5	1.5	2		66.2		46.7	50.4	7.3	5.5	2.5
1300-63	63	66		2.15		4.5	1.5	2		67.2		47.7	51.4	7.3	5.5	2.5
1300-64	64	-		2.65		4.5	1.5	2.5		68.2		48.7	52.4	7.3	5.2	2.5
1300-65	65	68		2.65		4.5	1.5	2.5		69.2		49.0	52.8	7.6	5.8	3.0
1300-67	67	70		2.65		4.5	1.5	2.5		72.5		50.8	54.6	7.7	6.0	3.0
1300-68	68	71		2.65		4.5	1.5	2.5		72.5		51.6	55.4	7.8	6.1	3.0
1300-70	70	73	"(+)"0.30 (-)0.00"	2.65	"(+)"0.14 (-)0.00"	4.5	1.5	2.5	"(+)"0.00 (-)0.07"	74.5	"(+)"1.10 (-)0.46"	53.6	57.4	7.8	6.2	3.0
1300-72	72	75		2.65		4.5	1.5	2.5		76.5		55.6	59.4	7.8	6.4	3.0
1300-75	75	78		2.65		4.5	1.5	2.5		79.5		58.6	62.4	7.8	6.6	3.0
1300-80	80	83.5	"(+)"0.35 (-)0.00"	2.65	"(+)"0.18 (-)0.00"	5.3	1.8	2.5	"(+)"0.00 (-)0.08"	82.5	"(+)"1.30 (-)0.54"	62.1	66.5	8.5	7.0	3.0
1300-85	85	88.5		3.15		5.3	1.8	3		90.5		66.9	71.3	8.6	7.2	3.5
1300-90	90	93.5		3.15		5.3	1.8	3		95.5		71.9	76.3	8.6	7.6	3.5
1300-95	95	98.5		3.15		5.3	1.8	3		100.5		76.5	80.9	8.8	8.1	3.5
1300-100	100	103.5		3.15		5.3	1.8	3		105.5		80.6	85.1	9.2	8.4	3.5



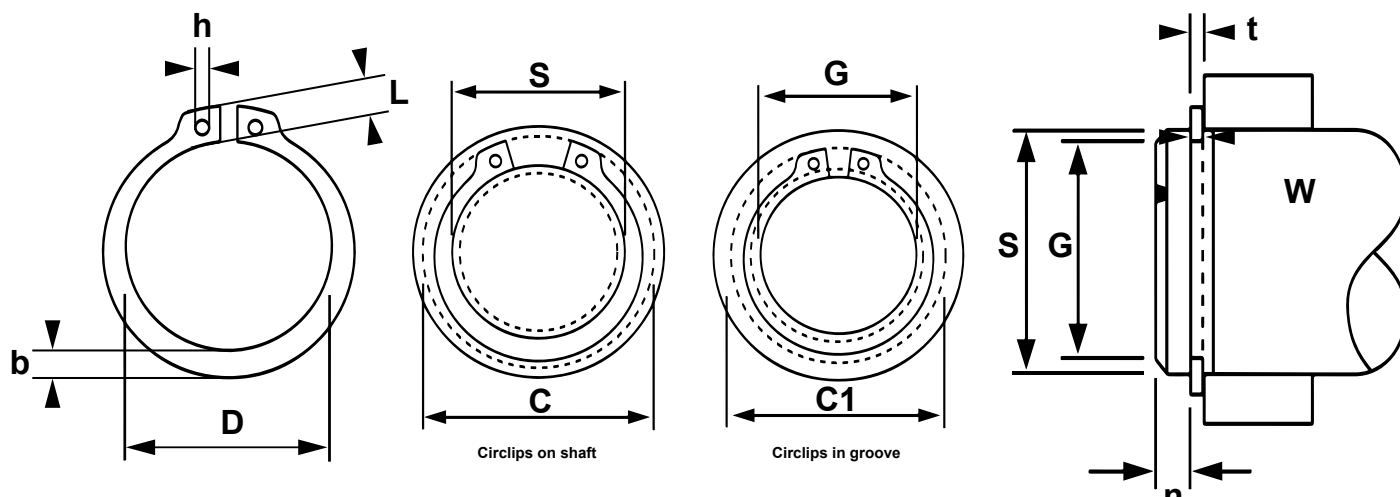
Alternative lug for sizes 12-23

Alternative lug for sizes 425-1000

Beam configuration for some larger sizes

Size Code	Bore		Groove (G)							Circlips (F)						
	B	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h(min.)
1400-4	4	3.8	"(+) 0.00 (-) 0.048"	0.5	-	0.3	0.1	0.4	"(+)0.00 (-)0.05"	3.7	"(+)0.04 (-) 0.15"	8.6	8.2	2.2	0.9	1
1400-5	5	4.8		0.7		0.3	0.1	0.6		4.7		10.3	9.8	2.5	1.1	1
1400-6	6	5.7		0.8		0.5	0.15	0.7		5.6		11.7	11.1	2.7	1.3	1.2
1400-7	7	6.7	"(+) 0.00 (-) 0.06"	0.9		0.5	0.15	0.8	"(+)0.06 (-) 0.18"	6.5	"(+)0.10 (-)0.36"	13.5	12.9	3.1	1.4	1.2
1400-8	8	7.6		0.9		0.6	0.2	0.8		7.4		14.7	14	3.2	1.5	1.2
1400-9	9	8.6		1.1		0.6	0.2	1		8.4		16	15.2	3.3	1.7	1.2
1400-10	10	9.6	"(+)0.00 (-)0.11"	1.1		0.6	0.2	1	"(+)0.00 (-)0.06"	9.3	"(+)0.13 (-)0.42"	17	16.2	3.3	1.8	1.5
1400-11	11	10.5		1.1		0.8	0.25	1		10.2		18	17.1	3.3	1.8	1.5
1400-12	12	11.5		1.1		0.8	0.25	1		11		19	18.1	3.3	1.8	1.7
1400-13	13	12.4	"(+)0.00 (-)0.13"	1.1		0.9	0.3	1		11.9	"(+)0.21 (-)0.42"	20.2	19.2	3.4	2	1.7
1400-14	14	13.4		1.1		0.9	0.3	1		12.9		21.4	20.4	3.5	2.1	1.7
1400-15	15	14.3		1.1		1.1	0.35	1		13.8		22.5	21.5	3.6	2.2	1.7
1400-16	16	15.2	"(+)0.00 (-)0.21"	1.1		1.2	0.4	1		14.7	"(+)0.21 (-)0.42"	23.8	22.6	3.7	2.2	1.7
1400-17	17	16.2		1.1		1.2	0.4	1		15.7		25	23.8	3.8	2.3	1.7
1400-18	18	17		1.3		1.5	0.5	1.2		16.5		26.2	24.8	3.9	2.4	2
1400-19	19	18	"(+)0.00 (-)0.13"	1.3		1.5	0.5	1.2		17.5	"(+)0.13 (-)0.42"	27.2	25.8	3.9	2.5	2
1400-20	20	19		1.3		1.5	0.5	1.2		18.5		28.4	27	4	2.6	2
1400-21	21	20		1.3		1.5	0.5	1.2		19.5		29.6	28.2	4.1	2.7	2
1400-22	22	21	"(+)0.00 (-)0.21"	1.3		1.5	0.5	1.2		20.5	"(+)0.21 (-)0.42"	30.8	29.4	4.2	2.8	2
1400-23	23	22		1.3		1.5	0.5	1.2		21.5		32	30.6	4.3	2.9	2
1400-24	24	22.9		1.3		1.7	0.55	1.2		22.2		33.2	31.7	4.4	3	2
1400-25	25	23.9	"(+)0.00 (-)0.21"	1.3		1.7	0.55	1.2		23.2	"(+)0.21 (-)0.42"	34.2	32.7	4.4	3	2
1400-26	26	24.9		1.3		1.7	0.55	1.2		24.2		35.5	33.9	4.5	3.1	2
1400-27	27	25.6		1.3		2.1	0.7	1.2		24.9		36.7	34.8	4.6	3.1	2
1400-28	28	26.6		1.6		2.1	0.7	1.5		25.9		37.9	36	4.7	3.2	2

Size Code	Bore		Groove (G)							Circlips (F)						
	B	G	Tol.	W	Tol.	n (min.)	d~	t	Tol.	D	Tol.	C	C1	L (max)	b~	h(min.)
1400-29	29	27.6	"(+)0.00 (-)0.21"	1.6	"(+)0.00 (-)0.25"	2.1	0.7	1.5	"(+)0.00 (-)0.06"	26.9	"(+)0.21 (-)0.42"	39.1	37.2	4.8	3.4	2
1400-30	30	28.6		1.6		2.1	0.7	1.5		27.9		40.5	38.6	5	3.5	2
1400-32	32	30.3		1.6		2.6	0.85	1.5		29.6		43	40.7	5.2	3.6	2.5
1400-33	33	31.3	"(+)0.00 (-)0.25"	1.6		2.6	0.85	1.5		30.5	"(+)0.25 (-)0.5"	44	41.7	5.2	3.7	2.5
1400-35	35	33		1.6		3	1	1.5		32.2		46.8	44.2	5.6	3.9	2.5
1400-36	36	34		1.85		3	1	1.75		33.2		47.8	45.2	5.6	4	2.5
1400-37	37	35		1.85		3	1	1.75		34.2		49	47	5.7	4.1	2.5
1400-38	38	36		1.85		3	1	1.75		35.2		50.2	47.6	5.8	4.2	2.5
1400-40	40	37.5		1.85		3.8	1.25	1.75		36.5	"(+)0.39 (-)0.90"	52.6	49.5	6	4.4	2.5
1400-41	41	38.5		1.85		3.8	1.25	1.75		37.5		54	51.5	6.2	4.5	2.5
1400-42	42	39.5		1.85		3.8	1.25	1.75		38.5		55.7	52.5	6.5	4.5	2.5
1400-45	45	42.5		1.85		3.8	1.25	1.75		41.5		59.1	55.9	6.7	4.7	2.5
1400-47	47	44.5		1.85		3.8	1.25	1.75		43.5		61.3	58.1	6.8	4.9	2.5
1400-48	48	45.5		1.85		3.8	1.25	1.75		44.5		62.5	59.3	6.9	5	2.5
1400-50	50	47		2.15	"(+)0.14 (-)0.00"	4.5	1.5	2	"(+)0.00 (-)0.07"	45.8		64.5	60.8	6.9	5.1	2.5
1400-52	52	49		2.15		4.5	1.5	2		47.8		66.7	63	7	5.2	2.5
1400-55	55	52	"(+)0.00 (-)0.30"	2.15		4.5	1.5	2		50.8	"(+)0.46 (-)1.10"	70.2	66.4	7.2	5.4	2.5
1400-56	56	53		2.15		4.5	1.5	2		51.8		71.6	67.6	7.3	5.5	2.5
1400-57	57	-		-		-	-	-		-		-	-	-	-	-
1400-58	58	55		2.15		4.5	1.5	2		53.8		73.6	68.6	7.3	5.5	2.5
1400-60	60	75		2.15		4.5	1.5	2		55.8		75.6	71.8	7.4	5.8	2.5
1400-61	61	-		2.15		-	-	-		-		-	-	-	-	-
1400-62	62	59		2.15		4.5	1.5	2		57.8		77.8	74	7.5	6.0	2.5
1400-63	63	60		2.15		4.5	1.5	2		58.8		79.0	75.2	7.6	6.2	2.5
1400-64	64	-		-		-	-	-		-		-	-	-	-	-
1400-65	65	62	"(+)0.00 (-)0.35"	2.65	"(+)0.18 (-)0.00"	4.5	1.5	2.5	"(+)0.00 (-)0.08"	60.8	"(+)0.54 (-)1.13"	81.4	77.6	7.8	6.3	3.0
1400-67	67	64		2.65		4.5	1.5	2.5		62.5		83.6	79.8	7.9	6.4	3.0
1400-68	68	65		2.65		4.5	1.5	2.5		63.5		84.4	81.0	8.0	6.5	3.0
1400-70	70	67		2.65		4.5	1.5	2.5		65.5		87.0	83.2	8.1	6.6	3.0
1400-72	72	69		2.65		4.5	1.5	2.5		67.5		89.2	85.4	82.0	6.8	3.0
1400-75	75	72		2.65		4.5	1.5	2.5		70.5		92.7	88.8	8.4	7.0	3.0
1400-80	80	76		2.65		5.3	1.75	2.5		74.5		98.1	93.7	8.6	7.4	3.0
1400-85	85	81.5		3.15		5.3	1.75	3		79.5		103.3	98.9	8.7	7.8	3.5
1400-90	90	86.5	"(+)0.00 (-)0.35"	3.15	"(+)0.18 (-)0.00"	5.3	1.75	3		84.5	"(+)0.54 (-)1.13"	108.5	104.0	8.8	8.2	3.5
1400-95	95	91.5		3.15		5.3	1.75	3		89.5		114.8	111.0	9.4	8.6	3.5
1400-100	100	96.5		3.15		5.3	1.75	3		94.5		120.2	116.0	9.6	9.0	3.5



Size Code	Shaft		Groove (G)				Circlips (F)										Wt (kg/k)	Tc (N)	Tg (N)
	S	G	Tol.	W	Tol.	n	d	t	Tol.	D	Tol.	C	C1	L	b	h			
1460-12	12	11.5		1.6		0.7	0.25	1.5		11		19.3	8.3	3.4	1.8	1.7	0.75	17500	1130
1460-15	15	14.3	" $+0.00$ -0.01 "	1.6		1.1	0.35	1.5	" $+0.00$ -0.06 "	13.8	" $+0.10$ -0.36 "	25.1	3.9	4.8	2	2	1.1	21900	2260
1460-18	18	17		1.6		1.5	0.5	1.5		16.5		28.7	27.2	5.1	2.7	2	1.56	26300	4070
1460-20	20	19	$+0.00$	1.85		1.5	0.5	1.75		18.5		31.5	30	5.5	3	2	2.19	34100	4150
1460-25	25	23.9		2.15		1.7	0.55	2		23.2		38.3	36.7	6.4	3.4	2	3.59	48700	6130
1460-28	28	26.6	" $+0.00$ -0.21 "	2.15		2.1	0.7	2		25.9	" $+0.13$ -0.42 "	41.5	39.6	6.5	3.5	2	4.25	54500	8440
1460-30	30	28.6		2.15		2.1	0.7	2		27.9		43.5	41.6	6.5	4.1	2	5.35	58400	9610
1460-32	32	30.3		2.15		2.6	0.85	2		29.6		45.5	43.3	6.5	4.1	2.5	5.85	62300	10200
1460-35	35	33		2.65		3	1	2.5	" $+0.00$ -0.07 "	32.2	$+0.25$	48.9	46.4	6.7	4.2	2.5	7.2	85200	13200
1460-38	38	36		2.65		3	1	2.5		35.2		52.1	49.6	6.8	4.3	2.5	8.3	92500	15800
1460-40	40	37.5	" $+0.00$ -0.25 "	2.65		3.8	1.25	2.5		36.5		55	51.5	7	4.4	2.5		80900	18800
1460-42	42	39.5		2.65		3.8	1.25	2.5		38.5		57.4	53.9	7.2	4.5	2.5	8.6	84900	19800
1460-45	45	42.5		2.65	$+0.14$ 0.00	3.8	1.25	2.5		41.5	" $+0.39$ -0.90 "	61	57.5	7.5	4.7	2.5	9.3	91000	21200
1460-48	48	45.5		2.65		3.8	1.25	2.5		4.5		64.6	61.1	7.8	5	2.5	10.7	97100	22600
1460-50	50	47		3.15		4.5	1.5	3		45.8		67	63	8	5.1	2.5	11.3	121000	28300
1460-55	55	52		3.15		4.5	1.5	3	" $+0.00$ -0.08 "	50.8		73	69	8.5	5.4	2.5	15.3	133000	31100
1460-58	58	55		3.15		4.5	1.5	3		53.8		76.6	72.6	8.8	5.6	2.5	17.1	141000	32800
1460-60	60	57		3.15		4.5	1.5	3		55.8		79	75	9	5.8	2.5	18.9	146000	33900
1460-65	65	62	" $+0.00$ -0.30 "	4.15		4.5	1.5	4		60.8	" $+0.46$ -1.10 "	84.6	80.6	9.3	6.3	3	19.4	210000	36800
1460-70	70	67		4.15		4.5	1.5	4		65.5		90	86	9.5	6.6	3	29.1	226000	39600
1460-75	75	72		4.15		4.5	1.5	4		70.5		95.4	91.4	9.7	7	3	35.3	243000	424000
1460-80	80	76.5		4.15		5.3	1.75	4		74.5		100.6	96.1	9.8	7.4	3	39.3	259000	52800
1460-85	85	81.5		4.15		5.3	1.75	4	$+0.00$	79.5		106	101.5	10	7.8	3.5	43.7	275000	56100
1460-90	90	86.5		4.15		5.3	1.75	4		84.5		111.4	106.9	10.2	8.2	3.5	48.5	291000	59400
1460-95	95	91.5	$+0.00-0.35$	4.15		5.3	1.75	4		89.5	" $+0.54$ -1.30 "	116.6	112.1	10.3	8.6	3.5	59.4	307000	62700
1460-100	100	96.5		4.15		5.3	1.75	4		94.5		122	117.5	10.5	9	3.5	61.2	324000	66000

Grab Kits

TransDrive Grab Kits provide a convenient and reliable solution for the quick installation, removal, and maintenance of power transmission components. Designed to include essential tools and accessories in one complete kit, they help improve efficiency, reduce downtime, and ensure components are handled safely and correctly during servicing and repairs.



Clip Grab Kits: Circlips - External

Engineered for precision and durability, our External Circlip Grab Kits offer a comprehensive solution for the installation and removal of external circlips in a wide range of mechanical applications.

Benefits

- ▶ Durable, corrosion-resistant materials for long-lasting performance
- ▶ Ergonomic handles for comfortable, slip-free grip
- ▶ Organised storage case for easy access and portability
- ▶ Suitable for automotive, industrial, and home use



FD-2015CE 6mm to 50mm (360 pieces)		
Parts		Quantity
6mm Shaft		20
7mm Shaft		20
8mm Shaft		20
9mm Shaft		20
10mm Shaft		20
12mm Shaft		20
13mm Shaft		20
15mm Shaft		20
17mm Shaft		20
19mm Shaft		20
20mm Shaft		20
25mm Shaft		20
30mm Shaft		20
32mm Shaft		20
35mm Shaft		20
38mm Shaft		20
40mm Shaft		10
42mm Shaft		10
45mm Shaft		10
50mm Shaft		10

Clip Grab Kits: Circlips - Internal

Covering a wide range of sizes—the kit ensures you have the right circlip on hand for securing components within bores across automotive, industrial, and general machinery applications. Each kit is organized for quick access, minimizing downtime and maximizing efficiency during repairs or assembly.

Benefits

- ▶ Organised compartments for fast identification and selection
- ▶ Suitable for professionals and DIY users alike
- ▶ Durable, high-quality circlips for reliable performance and secure retention
- ▶ Ideal for automotive, industrial, and general maintenance tasks



FD-2015CI 10mm to 50mm (360 pieces)		
Parts		Quantity
10mm Bore		20
13mm Bore		20
14mm Bore		20
15mm Bore		20
16mm Bore		20
19mm Bore		20
20mm Bore		20
22mm Bore		20
24mm Bore		20
25mm Bore		20
26mm Bore		20
28mm Bore		20
30mm Bore		20
32mm Bore		20
35mm Bore		20
38mm Bore		20
40mm Bore		10
42mm Bore		10
45mm Bore		10
50mm Bore		10

Clip Grab Kits: E Clip

E Clip Grab Kits are essential assortments featuring a wide range of high-quality stainless steel E-clips in various popular metric sizes, from 1.5mm to 22mm, designed to deliver strong and reliable retention for shafts in automotive, industrial, and home repair applications.

Benefits

- ▶ Comprehensive assortment covers multiple sizes for versatile use.
- ▶ Made from durable stainless steel for long-lasting performance and corrosion resistance.
- ▶ Provides secure and reliable shaft retention in a variety of mechanical applications.
- ▶ Ideal for automotive, industrial, and general repair tasks.



FD-6005 1.5mm to 22mm (300 pieces)		
Parts		Quantity
15mm		20
19mm		20
22mm		20
1.5mm		30
3mm		30
5mm		40
12mm		40
6mm		50
10mm		50

Clip Grab Kits: Hose Clamp

Our Hose Clamp Grab Kits offer a practical, all-in-one solution for securing hoses in automotive, industrial, and home applications. Each kit includes a comprehensive assortment of high-quality, corrosion-resistant clamps in various sizes, conveniently organised for quick selection and use.

Benefits

- ▶ Wide range of sizes for versatile applications
- ▶ Durable, corrosion-resistant materials
- ▶ Easy-to-use, organized storage case
- ▶ Suitable for automotive, plumbing, and general maintenance tasks



FD-6080 16mm to 40mm (26 pieces)		
Parts		Quantity
16mm		8
22mm		6
25mm		4
28mm		2
35mm		2
40mm		4

Drill Bit Inserts

Each kit includes a carefully selected range of high-quality drill bit inserts, all housed in a compact, durable case for easy organisation and transport. Perfect for tackling various materials and fastening tasks, these kits ensure you always have the right bit at your fingertips.

Benefits

- ▶ Wide assortment for multiple applications
- ▶ Precision-engineered for durability and performance
- ▶ Compact storage for easy portability
- ▶ Quick-access design for efficient workflow



FD-6149 PZ1 to T30 (114 pieces)	
Parts	Quantity
PZ1	6
PZ2	6
PZ3	6
PH0	6
PH1	6
PH2	6
P1/8"	6
P5/32"	6
H5/64"	6
H1/8"	6
T10	6
T20	6
P3/16"	6
P1/4"	6
H5/32"	6
H1/4"	6
T25	6
T30	6
Drivers	6

Fuse Grab Kits: Car Fuse

Essential for any vehicle owner or automotive professional, providing a comprehensive assortment of fuses in various amperage ratings to ensure quick and reliable replacement during electrical repairs or emergencies. Suitable for protecting all major circuits in modern vehicles, such as lighting, infotainment, and engine management systems.

Benefits

- ▶ Comprehensive selection covers most vehicle electrical needs.
- ▶ Organised storage allows for quick identification and access during emergencies.
- ▶ Compact and portable, ideal for glove compartments or workshop toolboxes.
- ▶ Ensures compliance with manufacturer specifications by providing the correct amperage ratings for each application.



FD-6037 5AMP to 30AMP (120 pieces)	
Parts	Quantity
5 Amp ORANGE	20
10 Amp RED	20
15 Amp BLUE	20
20 Amp YELLOW	20
25 Amp CLEAR	20
30 Amp GREEN	20

Fuse Grab Kits: European Auto Fuse

Comprehensive, ready-to-use assortments designed for quick, reliable circuit protection and maintenance in European vehicles. Each kit includes a wide range of fuse types and sizes—ensuring compatibility with most automotive electrical systems, making them ideal for automotive, marine, and industrial applications

Benefits

- ▶ Organised and portable kit for easy storage and quick identification
- ▶ High-quality, durable fuses designed for automotive reliability
- ▶ Reduces downtime during repairs by having all key fuses in one kit
- ▶ Suitable for both professional workshops and home garages



FD-6078 6AMP to 30AMP (120 pieces)		
Parts		Quantity
6 Amp		20
8 Amp		20
16 Amp		20
20 Amp		20
25 Amp		20
30 Amp		20

Fuse Grab Kits: Glass Fuse

Car fuse grab kits are essential for any vehicle owner or automotive professional. With all fuses organized in a single kit, users can easily identify and replace blown fuses, minimizing downtime and ensuring vehicle safety.

Benefits

- ▶ Multiple fuse types and amperages for broad compatibility.
- ▶ Enables quick, on-the-spot fuse replacement, minimizing downtime.
- ▶ Includes tools for safe and easy fuse removal, even in tight spaces.
- ▶ Compact and portable—perfect for keeping in vehicles, workshops, or toolboxes



FD-6073 10mm to 52mm (120 pieces)		
Parts		Quantity
5 Amp		20
8 Amp		20
16 Amp		20
20 Amp		20
25 Amp		20
30 Amp		20

Fuse Grab Kits: Lamp (Auto) Bulb

The Lamp (Auto) Bulb Grab Kit is a comprehensive 17-piece set designed to provide a wide variety of automotive light bulbs for general applications. Packaged in a durable container with individual slots for each bulb size, this kit ensures easy organisation and quick access to the right bulb when needed.

Benefits

- ▶ Wide variety of bulb sizes in one kit, reducing the need for multiple purchases
- ▶ Durable, organized storage container for easy identification and access
- ▶ Suitable for interior and exterior automotive lighting applications
- ▶ Cost-effective solution for maintaining vehicle lighting systems



Fuse Grab Kits: Mini Car Fuse

Our Mini Car Fuse Grab Kits are essential tools designed for quick, safe, and efficient removal of mini fuses in automotive electrical systems. Compact and ergonomically designed, these kits provide a reliable grip on small fuses, preventing damage to both the fuse and the fuse box.

Benefits

- ▶ Compact size for convenient storage and portability
- ▶ Durable materials for long-lasting use
- ▶ Protects fuses and fuse boxes from damage
- ▶ Suitable for a wide range of mini fuse types and vehicle



FD-6059 5AMP to 30AMP (120 pieces)		
Parts		Quantity
5 Amp ORANGE		20
10 Amp RED		20
15 Amp BLUE		20
20 Amp YELLOW		20
25 Amp CLEAR		20
30 Amp GREEN		20

Grease Nipple Grab Kits: Imperial

The Imperial Grease Nipple Grab Kit is an essential, all-in-one solution for professional maintenance of automotive, industrial, and agricultural machinery, featuring a comprehensive assortment of high-quality, precision-engineered steel grease fittings in the most common imperial sizes.

Benefits

- ▶ Wide assortment of imperial-sized fittings for versatile use.
- ▶ Durable, precision-engineered steel construction for reliability and longevity.
- ▶ Suitable for automotive, industrial, and agricultural equipment maintenance.
- ▶ Ensures secure, leak-free lubrication connections, helping to prolong machinery life



1/8-27" to 1/4-28" (110 pieces)	
Parts	Quantity
1/4-28"	30
1/4-28" 45 Degrees	15
1/4-28" 90 Degrees	15
1/8-27" 90 Degrees	15
1/8-27" 45 Degrees	15
1/8-27"	20

Grease Nipple Grab Kits: Metric

Metric grease nipple grab kits provide a comprehensive assortment of high-quality grease fittings in various metric sizes and angles, making them essential for efficient lubrication maintenance across automotive, industrial, and agricultural applications.

Benefits

- ▶ Wide range of metric sizes and angles to suit diverse machinery
- ▶ Enables fast, on-site repairs and maintenance, reducing equipment downtime
- ▶ Cost-effective solution compared to purchasing individual fittings
- ▶ Ideal for workshops, field service kits, and professional maintenance teams



M6x1 to M10x1.5 (110 pieces)		
Parts		Quantity
M6x1		60
M6x1 90 Degrees		5
M6x1 45 Degrees		5
M8x1.25 45 Degrees		5
M8x1.25		10
M8x1.25 90 Degrees		5
M10x1.5		10
M10x1.5 45 Degrees		5
M10x1.5 90 Degrees		5

Designed to simplify the installation and maintenance of grommets in various materials such as tarps, banners, and fabrics. Ideal for both DIY enthusiasts and professionals, Grommet Grab Kits ensure secure reinforcement of holes, preventing tearing and extending the lifespan of your materials.

Benefits

- ▶ Resistant to rust and wear for long-lasting performance.
- ▶ User-friendly tools enable quick and precise application.
- ▶ Enhanced durability to prevent tearing and damage.
- ▶ Compact and lightweight for convenient transport and storage.



1/8" x 1/4" to 1" Open & Closed (125 pieces)		
Parts	Quantity	
1/8" x 1/4" Open	15	
7/32" x 5/16" Open	10	
9/32" x 1/2" Open	7	
5/16" x 9/16" Open	3	
3/8" x 15/32" Open	6	
3/8" x 1/2" Open	5	
3/8" x 13/16" Open	3	
7/16" x 3/4" Open	4	
1/2" x 19/32" Open	3	
5/8" x 31/32" Open	3	
3/4" x 15/16 Open	2	
9/32" Closed	20	
3/8" Closed	20	
1/2" Closed	10	
5/8" Closed	5	
3/4" Closed	4	
7/8" Closed	3	
1" Closed	2	

Grub Screw Grab Kits: Imperial

An essential assortment for any workshop or maintenance setting, offering a comprehensive selection of high-quality imperial-size grub screws designed for secure and reliable fastening in a wide range of mechanical applications. Whether securing pulleys, gears, or other components to shafts, these grub screws provide excellent corrosion resistance and long-lasting performance.

Benefits

- ▶ Wide assortment of imperial sizes to suit diverse applications
- ▶ Durable construction for reliable, long-term fastening
- ▶ Corrosion-resistant materials suitable for harsh environments
- ▶ Ideal for workshops, industrial maintenance, and field repairs



5/32" x 3/16" to 3/8" x 1/2" (450 pieces)		
Parts		Quantity
5/32"x 3/16" Long-32 Thread		50
5/16" x 3/8" Long-18 Thread		40
3/8" x 3/8" Long-16 Thread		20
1/8" x 3/16" Long-40 Thread		50
1/4" x 1/4" Long-20 Thread		40
3/8" x 1/2" Long-16 Thread		20
3/8" x 3/8" Long-24 Thread		20
5/16" x 3/8" Long-24 Thread		40
5/16" x 1/2" Long-18 Thread		40
3/16" x 1/4" Long-24 Thread		50
1/4" x 1/4" Long-28 Thread		40
1/4" x 3/8" Long-20 Thread		40

Grub Screw Grab Kits: Metric

Manufactured from durable, corrosion-resistant materials, these kits are ideal for securing components in mechanical, electrical, and automotive applications. With organized compartments for easy selection and storage, these kits are a must-have addition to any toolbox, offering versatility and convenience for quick fixes and maintenance jobs.

Benefits

- ▶ Wide variety of popular metric sizes in one kit
- ▶ High-strength, corrosion-resistant materials
- ▶ Suitable for mechanical, electrical, and automotive uses
- ▶ Saves time searching for individual screws
- ▶ Perfect for repairs, maintenance, and assembly tasks



6AMP to 30AMP (450 pieces)	
Parts	Quantity
3mm x 5mm Long	50
4mm x 5mm Long	50
5mm x 6mm Long	50
6mm x 6mm Long Fine	40
6mm x 6mm Long	40
6mm x 10mm Long	40
8mm x 10mm Long Fine	40
8mm x 10mm Long	40
8mm x 12mm Long	40
10mm x 10mm Long Fine	20
10mm x 10mm Long	20
10mm x 12mm Long	20

Machinery Key Grab Kits: Imperial

A variety of rectangular keys with rounded edges in multiple standard imperial sizes, neatly organized in a durable storage case with an internal chart for easy identification and selection. Ideal for locking pulleys, gears, and sprockets, the keys ensure secure mechanical connections and reliable performance in industrial and workshop applications.

Benefits

- ▶ Carbon steel construction for strength and durability
- ▶ Rounded edges to fit precisely in slotted keyways, preventing slippage
- ▶ Organised storage case with clear labelling for quick access and inventory control
- ▶ Suitable for a broad range of machinery maintenance and repair tasks



1/4" x 1/4" x 3/4" to 1/2" x 1/2" x 1/2" (60 pieces)		
Parts	Quantity	
1/4" x 1/4" x 3/4"	5	
1/8" x 1/8" x 1"	4	
5/16" x 5/16" x 1-1/2"	5	
3/8" x 3/8" x 1-1/2"	5	
3/16" x 3/16" x 3/4"	5	
3/16" x 3/16" x 1-1/4"	5	
1/4" x 1/4" x 1-1/2"	5	
1/8" x 1/8" x 3/4"	4	
5/16" x 5/16" x 1-1/4"	5	
3/8" x 3/8" x 1-1/4"	5	
1/2" x 1/2" x 1-1/2"	2	
3/16" x 3/16" x 1"	5	
1/4" x 1/4" x 1-1/4"	5	

Machinery Key Grab Kits: Metric

These kits include high-quality keys and matching components crafted to exact metric specifications, making them ideal for a wide range of industrial machinery applications. Engineered for durability and ease of installation, they provide a dependable connection between shafts and rotating parts, enhancing overall equipment performance and longevity.

Benefits

- ▶ Precise fit with metric standard dimensions for optimal compatibility
- ▶ High-strength materials for enhanced durability and wear resistance
- ▶ Compatible with a wide variety of industrial machinery and equipment
- ▶ Improves torque transmission efficiency and operational reliability



16mm to 40mm (26 pieces)	
Parts	Quantity
3mm x 20mm	4
3mm x 25mm	4
5mm x 20mm	5
5mm x 25mm	5
5mm x 30mm	5
6mm x 20mm	5
6mm x 30mm	5
6mm x 40mm	5
8mm x 30mm	5
8mm x 40mm	5
10mm x 30mm	5
10mm x 40mm	5
12mm x 40mm	2

Woodruff Key Grab Kits: Metric

A comprehensive assortment of precision-engineered woodruff keys in various metric sizes, designed for secure keyway connections in machinery and mechanical assemblies. Constructed from heat-treated carbon steel with black oxide finish, these keys ensure corrosion resistance, and reliable performance.

Benefits

- ▶ Wide size range covering common metric dimensions for versatile use
- ▶ Durable heat-treated carbon steel construction with corrosion-resistant finish
- ▶ Convenient, organised storage case for easy access and transport
- ▶ Lightweight and portable, suitable for field and workshop use



3mm x 5mm x 13mm to 9mm x 22mm (80 pieces)	
Parts	Quantity
3mm x 5mm x 13mm	10
3mm x 6.5mm x 16mm	10
4mm x 7mm x 19mm	10
4mm x 5mm x 13mm	10
4mm x 6.5mm x 16mm	10
5mm x 7.5mm x 19mm	10
6mm x 9mm x 22mm	10
9 x 22mm	10

Assorted Nuts & Bolts Grab Kit: Imperial

This kit typically includes a wide range of imperial-sized nuts, bolts, and washers, all machined and tempered for durability and often zinc plated for corrosion resistance. The assortment is supplied in a clear, segmented plastic case for easy organization and accessibility.



Benefits

- ▶ Wide variety of sizes to cover multiple fastening needs.
- ▶ Zinc plating provides excellent corrosion resistance.
- ▶ Organised in a clear, segmented case for quick identification and convenience.
- ▶ Ideal for professional and DIY use in automotive, mechanical, and general repair work.

Parts	Quantity
6 x 5/8" Machine Screws	20
1/4" x 3/4" Machine Screws	20
8 x 5/8" Machine Screws	20
8 x 1" Machine Screws	20
10 x 3/4" Machine Screws	20
10 x 1" Machine Screws	20
Washer #6	25
Washer 1/4"	25
Washer #8	50
Washer #10	50
Hex Nut #6	25
Hex Nut 1/4"	25
Hex Nut #8	50
Hex Nut #10	50

Assorted Nuts & Bolts Grab Kit: Metric

A comprehensive selection of high-quality fasteners designed to meet a wide range of assembly and repair needs. Each kit contains an organised variety of commonly used metric nuts and bolts, crafted from durable materials to ensure strength, reliability, and corrosion resistance.



Benefits

- ▶ Wide variety of sizes and types in one compact kit
- ▶ Durable, corrosion-resistant materials for long-lasting performance
- ▶ Organized compartments for easy identification and access
- ▶ Suitable for automotive, machinery, construction, and general maintenance tasks

Parts	Quantity
3mm x 16mm Machine Screws	20
4mm x 16mm Machine Screws	20
4mm x 25mm Machine Screws	20
5mm x 20mm Machine Screws	20
5mm x 25mm Machine Screws	20
6mm x 20mm Machine Screws	20
M4 Washer	50
M5 Washer	50
M6 Washer	25
M3 Hex Nut	25
M4 Hex Nut	50
M5 Hex Nut	50

Assorted Nuts & Bolts Grab Kit: Wing Nuts

Crafted from durable materials, these kits provide reliable grip and stability for various applications, from machinery assembly to DIY projects. Their ergonomic wing-shaped design ensures effortless handling and adjustment, making them ideal for both professional and home use.

Benefits

- ▶ Strong, secure fastening to prevent loosening under vibration
- ▶ Durable construction for long-lasting performance
- ▶ Ergonomic design for comfortable grip and easy tightening
- ▶ Versatile use across multiple industries and applications



M5 x 0.8mm to M8 x 1mm (150 pieces)		
Parts		Quantity
M5 x 0.8mm		60
M6 x 1mm		50
M8 x 1.25mm		40

O-Ring: Imperial

Precision-engineered solutions designed to provide reliable sealing and quick maintenance for hydraulic and pneumatic systems. Each kit includes high-quality O-rings made from durable materials that ensure optimal performance under various pressure and temperature conditions.

Benefits

- ▶ Wide range of sizes for versatile applications
- ▶ Durable materials resistant to wear, chemicals, and extreme temperatures
- ▶ Convenient packaging for easy identification and access
- ▶ Ensures reliable sealing to prevent leaks and system failures



5/32" x 3/16" to 3/8" x 1/2" (450 pieces)				
Part	ID (In)	OD (In)	Section (In)	Quantity
BS006	1/8	1/4	1/16	22
BS007	5/32	9/32	1/16	22
BS008	3/16	5/16	1/16	20
BS009	7/32	11/32	1/16	20
BS010	1/4	3/8	1/16	18
BS011	5/16	7/16	1/16	19
BS012	3/8	1/2	1/16	19
BS110	3/8	9/16	3/32	13
BS111	7/16	5/8	3/32	13
BS112	1/2	11/16	3/32	13
BS113	9/16	3/4	3/32	13
BS114	5/8	13/16	3/32	13
BS115	11/16	7/8	3/32	13
BS116	3/4	15/16	3/32	13
BS210	3/4	1	1/8	10
BS211	13/16	11/16	1/8	10
BS212	7/8	1-1/8	1/8	10
BS213	15/16	1-3/16	1/8	10
BS214	1	1-1/4	1/8	10
BS215	1-1/16	1-5/16	1/8	10
BS216	1-1/8	1-3/8	1/8	10
BS217	1-3/16	1-7/16	1/8	10
BS218	1-1/4	1-1/2	1/8	10
BS219	1-5/16	19/16	1/8	10
BS220	1-3/8	15/8	1/8	10
BS221	1-7/16	1-11/16	1/8	10
BS222	1-1/2	13/4	1/8	10
BS325	1-1/2	17/8	3/16	7
BS326	1-5/8	2	3/16	7
BS327	1-3/4	2-1/8	3/16	7

O-Ring: Metric

A comprehensive selection of high-quality, precision-engineered O-rings in commonly used metric sizes made from durable materials that ensure excellent resistance to wear, temperature fluctuations, and chemical exposure. These kits provide quick and reliable solutions for sealing needs, minimizing downtime and improving operational efficiency.

Benefits

- ▶ Wide range of commonly used metric sizes in one convenient kit
- ▶ Durable materials for long-lasting performance and reliability
- ▶ Excellent resistance to heat, chemicals, and wear
- ▶ Organised packaging for easy identification and access



3mm to 44mm - (386 Pieces)				
Part	ID (mm)	OD (mm)	Section (mm)	Quantity
R-1	3	7	2	16
R-2	4	8	2	16
R-3	5	9	2	16
R-4	6	10	2	16
R-5	7	11	2	16
R-6	8	12	2	16
R-7	10	14	2	16
R-8	10	15	2.5	13
R-9	11	16	2.5	13
R-10	12	17	2.5	13
R-11	14	19	2.5	13
R-12	16	21	2.5	13
R-13	17	22	2.5	13
R-14	19	24	2.5	13
R-15	19	25	3.0	12
R-16	20	26	3.0	12
R-17	22	28	3.0	12
R-18	24	30	3.0	12
R-19	25	31	3.0	12
R-20	27	33	3.0	12
R-21	28	34	3.0	12
R-22	30	36	3.0	12
R-23	32	38	3.0	12
R-24	33	39	3.0	12
R-25	35	41	3.0	12
R-26	36	42	3.0	12
R-27	38	44	3.0	12
R-28	38	46	4.0	9
R-29	41	49	4.0	9
R-30	44	52	4.0	9

Pin Grab Kits: Clevis & Hitch Pins

The Clevis and Hitch Pin Grab Kits are comprehensive assortments designed to provide reliable and versatile fastening solutions for a wide range of applications including agricultural machinery, automotive repairs, and industrial equipment.

Benefits

- ▶ Versatile assortment covering multiple sizes for diverse fastening needs
- ▶ Durable carbon steel construction ensures strength and longevity
- ▶ Quick and secure fastening with easy-to-use clevis and hitch pins
- ▶ Convenient grab kits keep pins organized and readily accessible



5/16" x 2" to 1-3/4" x 0.125" (56 pieces)		
Parts		Quantity
5/16" x 2" Tiller Tine Pin		5
0.080 Wire x 1-3/16" Hair Pin		5
3/8" x 2" Tiller Tine Pin		15
0.094 Wire x 1-5/8" Hair Pin		20
7/16" x 2-1/2" Tiller Tine Pin		5
1/2" x 2" Tiller Tine Pin		3
0.125 Wire x 1-3/4" Hair Pin		3

Pin Grab Kits: Cotter Pins / Split Pins

Cotter Pin / Split Pin Grab Kits offer a comprehensive assortment of split pins in various popular sizes, designed to securely fasten nuts and other components in mechanical applications. Ideal for securing axle castle nuts, suspension components, and general fastening tasks, these grab kits provide a reliable solution for maintenance and repair needs.

Benefits

- ▶ Zinc-plated for corrosion resistance and durability
- ▶ Convenient storage case for organised and accessible pin selection
- ▶ Suitable for automotive, industrial, agricultural, and home use
- ▶ Easy to use for secure fastening and quick replacement



1/16" x 1" to 5/32" x 2-1/2" (280 pieces)		
Parts		Quantity
1/16" x 1"		75
3/32" x 1-1/2"		50
1/8" x 2"		25
3/32" x 1"		75
1/8" x 1-1/4"		40
5/32" x 2-1/2"		15

Pin Grab Kits: Hitch Pins

Manufactured from high-quality steel or stainless steel, these pins offer reliable strength and corrosion resistance, ensuring long-lasting performance even in demanding environments.

Benefits

- ▶ Wide assortment of sizes for versatile use in multiple applications
- ▶ Quick release design enables fast assembly and disassembly
- ▶ Reusable and durable, made from quality steel or stainless steel for longevity
- ▶ Secure and reliable fastening, ideal for retaining frequently removed parts



2.4mm x 31mm to 4mm x 75mm (150 pieces)	
Parts	Quantity
2.4mm x 31mm	42
2mm x 33mm	30
2mm x 40mm	25
2.8mm x 42mm	25
3.5mm x 45mm	20
4mm x 75mm	8

Pin Grab Kits: Large Assorted Cotter Pins

Each kit includes multiple sizes, ensuring you have the right pin for any job, from automotive repairs to heavy machinery maintenance. Crafted from corrosion-resistant materials, these pins provide reliable performance and long-lasting strength, making them an essential addition to any toolkit.

Benefits

- ▶ Wide variety of sizes for versatile use
- ▶ Durable, corrosion-resistant construction
- ▶ Easy to organize and access with grab kit packaging
- ▶ Ideal for automotive, industrial, and DIY projects



1/8" x 2" - 5/16" x 2-1/2" (144 pieces)		
Parts		Quantity
1/8" x 2"		50
5/32" x 2-1/2"		30
3/16" x 3"		20
1/4" x 2"		20
1/4" x 3"		16
5/16" x 2-1/2"		8

Pin Grab Kits: Roll Pin - Metric

Each kit includes an assortment of high-quality, precision-engineered roll pins in various sizes, ensuring you have the right component for any repair or assembly task.



Benefits

- Comprehensive selection of metric sizes for versatile use
- Durable, corrosion-resistant materials for long-lasting performance
- Clearly labelled compartments for quick identification and access
- Compact, portable case for easy storage and transport

1.5mm x 5mm to 10mm x 50mm (315 pieces)	
Parts	Quantity
1.5mm x 20mm	10
1.5mm x 5mm	10
1.5mm x 8mm	10
2.5mm x 16mm	10
2.5mm x 25mm	10
2.5mm x 30mm	10
2mm x 12mm	10
2mm x 25mm	10
2mm x 6mm	10
3mm x 16mm	15
3mm x 25mm	15
3mm x 30mm	15
4mm x 16mm	10
4mm x 25mm	10
4mm x 40mm	10
5.5mm x 16mm	10
5.5mm x 30mm	10
5.5mm x 45mm	10
5mm x 16mm	15
5mm x 25mm	15
5mm x 30mm	15
6mm x 16mm	10
6mm x 30mm	10
6mm x 45mm	10
8mm x 20mm	10
8mm x 40mm	10
8mm x 50mm	10
10mm x 20mm	5
10mm x 40mm	5
10mm x 50mm	5

Rivet Grab Kits are the ultimate solution for fast, efficient, and reliable fastening in a wide range of applications. Designed for convenience and versatility, these kits ensure you have the right rivet on hand for any project, from automotive repairs to home improvement.

Benefits

- ▶ Wide variety of rivet sizes and types to suit multiple tasks
- ▶ Durable, corrosion-resistant materials for long-lasting performance
- ▶ Organized storage case for easy access and portability
- ▶ Suitable for metal, plastic, and leather fastening applications



1/8" x 1/4" to 1/8" x 5/8" (500 pieces)		
Parts		Quantity
1/8" x 1/4"		125
1/8" x 5/16"		125
1/8" x 3/8"		125
1/8" x 5/8"		125

Designed to provide reliable, secure fastening solutions in a variety of mechanical and industrial applications. These kits include high-quality springs and accompanying hardware engineered to ensure optimal tension and grip, enhancing the performance and safety of your equipment.

Benefits

- ▶ Made from premium materials to withstand wear and tear.
- ▶ Designed for quick and hassle-free assembly.
- ▶ Suitable for a wide range of applications and industries.
- ▶ Reduces downtime with efficient maintenance and replacement.



Outer Diameter - 4mm x 79.5mm to 8.5mm x 36.5mm Ext / Length - 5.5mm x 38mm to 9.5mm x 16mm (200 pieces)		
Parts	Type	Quantity
5.5mm x 38mm	Compression	10
5.5mm x 17mm	Compression	10
6.5mm x 10mm	Compression	10
7mm x 12.5mm	Compression	10
7mm x 19mm	Compression	10
9.5mm x 19mm	Compression	12
9mm x 35mm	Compression	8
9.5mm x 16mm	Compression	6
4mm x 79.5mm	Extension	12
5mm x 20.5mm	Extension	10
5mm x 25.5mm	Extension	10
6.5mm x 22mm	Extension	10
7mm x 38mm	Extension	18
7mm x 51mm	Extension	12
8mm x 28.5mm	Extension	8
8mm x 31.5mm	Extension	10
8mm x 44.5mm	Extension	12
8.5mm x 47mm	Extension	12
8.5mm x 36.5mm	Extension	10

Washer Grab Kits: Copper Washer

Crafted from durable copper, these washers provide excellent compression and sealing capabilities, making them ideal for preventing leaks and maintaining tight connections in equipment insulation, construction, and medical settings.

Benefits

- ▶ Versatile assortment covers a broad range of applications and bolt sizes.
- ▶ Copper construction ensures superior sealing, corrosion resistance, and conductivity.
- ▶ Ideal for automotive, mechanical, industrial, and plumbing repairs.
- ▶ Conveniently organised kit format saves time and ensures quick access.



5mm x 10mm x 1mm to 17.5mm x 24mm x 2mm (150 pieces)		
Parts		Quantity
5mm x 10mm x 1mm		10
6mm x10mm x 1mm		10
7mm x10mm x 1mm		10
8mm x12mm x 1mm		10
10mm x 16mm x 1mm		10
10.5mm x 17mm x 1.5mm		10
11mm x 17mm x 1.5mm		10
14mm x 18mm x 1mm		10
5/16" x 2-1/2"		8
12mm x 20mm x 1.5mm		10
12.5mm x 20mm x 1.5mm		10
14mm x 20mm x 1.5mm		10
15mm x 20mm x 2mm		10
16mm x 22mm x 2mm		10
16.5mm x 24mm x 2mm		10
17.5mm x 24mm x 2mm		10

Washer Grab Kits: Lock & Flat Washer

Lock & Flat Washer Grab Kits offer a comprehensive assortment of essential washers, including flat washers that distribute load evenly and spring (lock) washers that secure bolted connections by preventing loosening through friction. Made from high-quality materials, providing excellent corrosion resistance and durability for various applications.

Benefits

- ▶ Wide range of popular sizes included, suitable for metric and imperial fasteners
- ▶ High-quality materials such as stainless steel ensure long-lasting corrosion protection
- ▶ Combination of flat and spring washers provides both load distribution and secure locking
- ▶ Convenient, organised packaging for quick selection and efficient use



#3 to #10 (350 pieces)		
Parts	Type	Quantity
#3 Washer	Lock Washer	50
#4 Washer	Lock Washer	40
#5 Washer	Lock Washer	30
#6 Washer	Lock Washer	25
#8 Washer	Lock Washer	15
#10 Washer	Lock Washer	15
#3 Washer	Flat Washer	50
#4 Washer	Flat Washer	40
#5 Washer	Flat Washer	30
#6 Washer	Flat Washer	25
#7 Washer	Flat Washer	15
#8 Washer	Flat Washer	15

Washer Grab Kits: Sealing Washer

Ideal for workshops, garages, and maintenance professionals who require reliable sealing solutions on demand. Each kit contains a comprehensive selection of washers in multiple sizes and materials, ensuring you have the right component for any sealing task, from automotive repairs to plumbing applications.

Benefits

- Convenient and organised storage for easy identification and access.
- Wide range of washer sizes and types to suit diverse sealing needs.
- Durable materials ensure long-lasting, leak-proof performance.
- Saves time and reduces downtime by providing all necessary washers in one kit.



3/8mm x 10mm to 3/4-16mm x 24mm (141 pieces)		
Parts	Type	Quantity
1/2mm x 16mm	Rubber/Gummi	10
3/4-15mm x 24mm	Rubber/Gummi	10
1/2mm x 10mm	Rubber/Gummi	5
3/8mm x 8mm	Rubber/Gummi	5
3/4-11mm x 24mm x 2mm	Rubber/Gummi	10
3/8mm x 10mm	Rubber/Gummi	5
1/2mm x 17mm	Rubber/Gummi	10
1/2.9mm x 19mm	Rubber/Gummi	5
3/4mm	Fibre	10
3/8mm x 8mm	Fibre	10
21mm x 17mm	Fibre	10
3/8mm	Fibre	10
1/2mm	Fibre	10
1-1/2.27mm x 38mm	Klingerith	3
3/4 16mm x 24mm	Klingerith	10
1	Fibre	5
1-1/4 .30mm x 39mm	Klingerith	3
1/2 12mm x 18mm	Klingerith	10

Wire Terminals

Upgrade your electrical projects with our Wire Terminal Grab Kits, the essential solution for quick, secure, and organized wire connections in any setting—each kit includes a wide assortment of high-quality terminals and connectors, making installation and repairs effortless for professionals and DIYers alike.

Benefits

- ▶ Each kit features a variety of terminals and connectors to suit multiple wire sizes.
- ▶ Made from premium materials for reliable, long-lasting connections that withstand demanding environments.
- ▶ Ideal for automotive, marine, industrial, and home electrical projects.
- ▶ Insulated terminals help prevent shorts and ensure safe, secure connections every time.

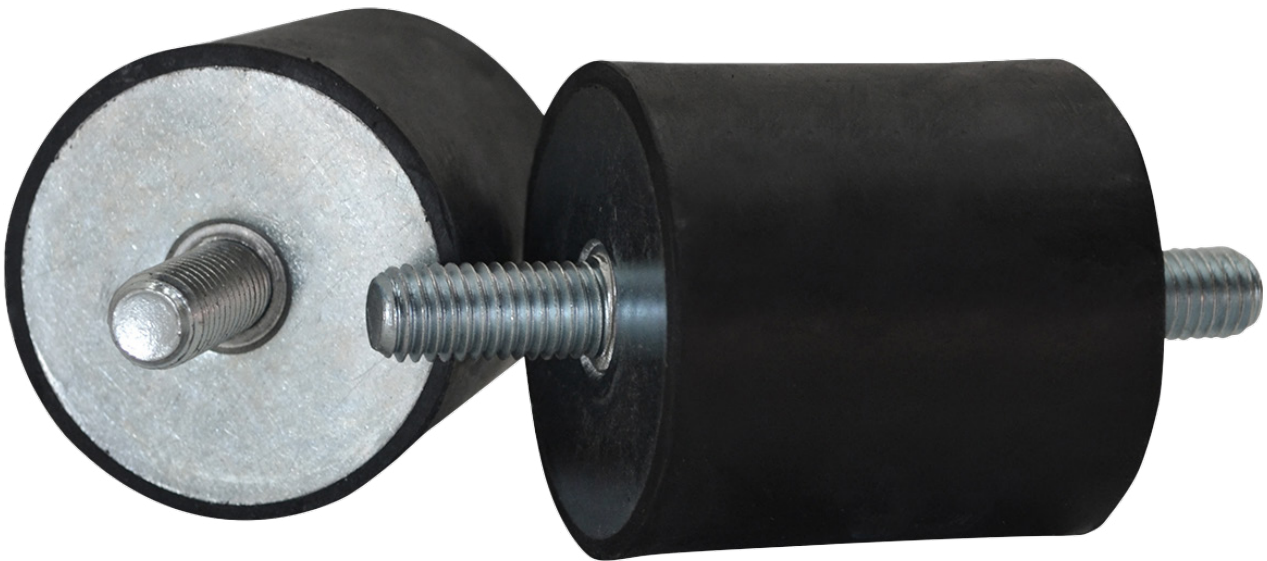


10ga to 18ga (360 pieces)		
Parts		Quantity
22-18ga butt connector		30
22-18ga butt connector		10
22-18ga m.disconnect		10
22-18ga f.disconnect		10
16-14ga bullet. m		25
16-14ga bullet. f		10
16-14ga ring 2-5		30
16-14ga ring1/4 2-6		20
16-14ga ring 3/8 2-10		20
16-14 butt connector		30
16-14spade 2-5		30
16-14ga m.disconnect		25
16-14ga f.disconnect		25
12-10ga ring 5.5-5		20
12-10ga ring1/4 5/5-6		15
12-10ga ring3/8 5.5-10		15
12-10ga butt connector		15
12-10ga spade 5.5-5		20

Anti-Vibration Mounts

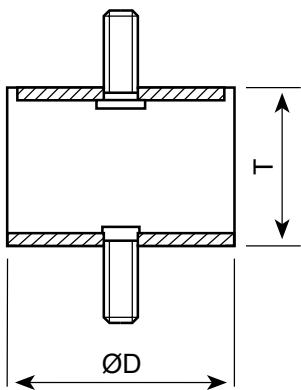
Anti-vibration mounts or vibration isolators, are essential components used in various industries to reduce vibration, noise, and shock in machinery and equipment.

Our anti-vibration mounts provide vibration and shock protection in multiple directions and are resistant to grease and oil, making them popular in automotive and marine industries.

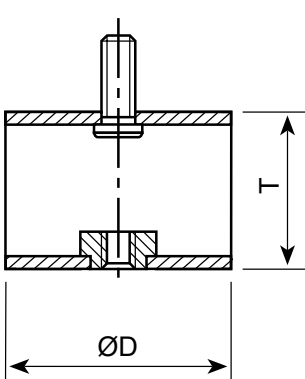


Shore Hardness

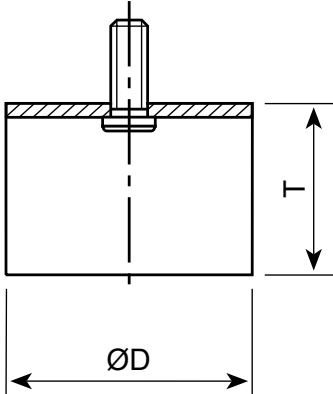
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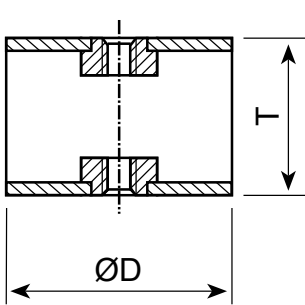
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Type 3



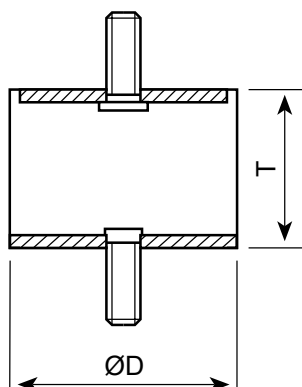
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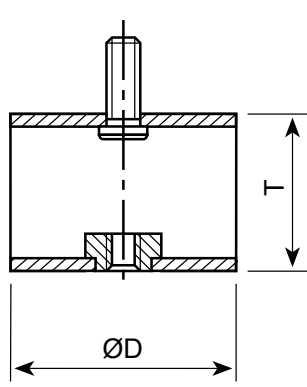
Shore Hardness	
A	40.55
B	55.65
C	65.75

All measurements in mm unless otherwise stated.

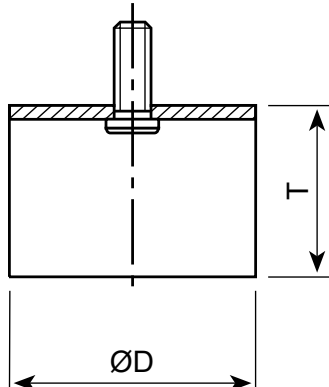
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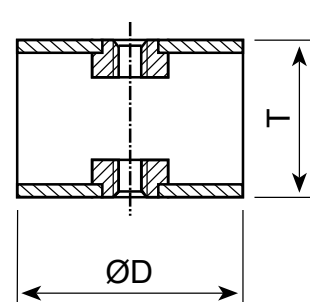
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Type 3



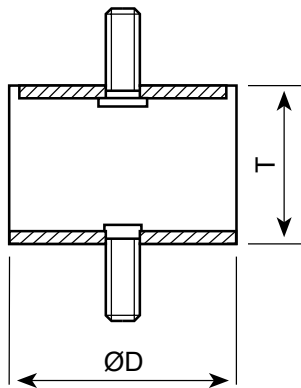
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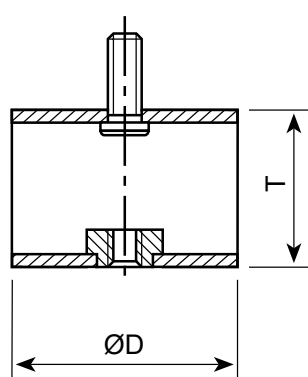
Size/Part No.	Shore Hardness	Type	Max Compressive Load(kg)	STATIC DEFL (mm)	Thread Size	Bolt/Nut
F 13x13	A	1	4.5	1	3/16"BSW x 13L	3/16"BSW x 4 Deep
F 16x13	A	1	4.3	1	M5x0.8Px12L	M5x0.8Px5 Deep
		3				
F 16x15	A	1	4.1	1	M5x0.8Px12L	M5x0.8Px5 Deep
		2	4.3			
		3	4.5			
F 19x19	A	1	17	3	M6x1Px18L	M6x1Px6 Deep
	B	2	28			
F 20x20	A	1	55	4	M6x1Px15L	M6x1Px15L Deep
	B	2	55			
	C	3	55			
F 20x25	A	1	9.8	3	M6x1Px18L M6*	M6x1Px6 Deep
		4	30.5			-
	B	2	18			M6x1Px6 Deep
		4	65			-
	C	3	30			M6x1Px6 Deep
		4	89.5			-
F 25x20	A	1	M6	3.5	M6x1Px13L M6*	M6x1Px6 Deep
		4	M6			-
	B	2	M6			M6x1Px6 Deep
		4	M6			-
	C	3	M6			M6x1Px6 Deep
		4	M6			-
F 25x22	A	2	50	3.5	M8x1.25Px18L	M8x1.25Px7 Deep
F25x30	A	1	13.8	3	M8x1.25Px18L M6*	M8x1.25Px7 Deep
		4	55			-
	B	2	23			M8x1.25Px7 Deep
		4	98			-
	C	3	32			M8x1.25Px7 Deep
		4	120			-

All measurements in mm unless otherwise stated.

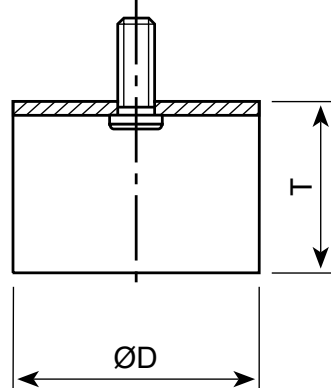
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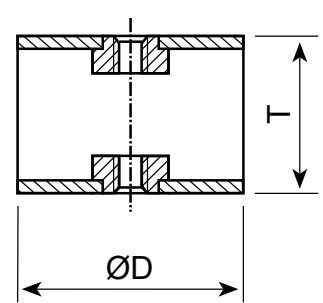
Type 2



Type 3



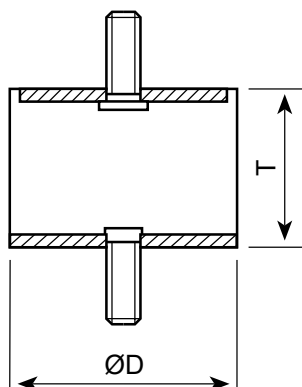
Type 4



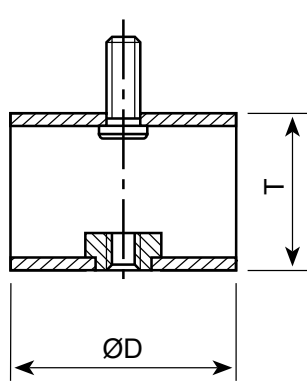
Size/Part No.	Shore Hardness	Type	Max Compressive Load(kg)	STATIC DEFL (mm)	Thread Size	Bolt/Nut
F 25x22	A	2	50	3.5	M8x1.25Px1.8L	M8x1.25Px7 Deep
F 25x30	A	1	13.8	3	M5x0.8Px12L M6*	M8x1.25Px7 Deep
		4	55			-
	B	2	23			M8x1.25Px7 Deep
		4	98			-
	C	3	32			M8x1.25Px7 Deep
		4	120			-
F 30x20	A	4	42	2.5	M8*	-
	B		62			
	C		120			
F 30x22	A	1	46	3.5	M8x1.25Px23L	M8x1.25Px7 Deep
		2	46			
F 30x30	A	1	21	3	M8x1.25Px23L M8*	M8x1.25Px7 Deep
		2	23			
		3	23			-
		4	44			-
	B	4	77			-
	C		108			
F 30x40	A	4	49.5	8	M8*	-
	B		86			
	C		131			
F 35x25	A	1	15	1.5	M10x1.5Px38L	M8x1.25Px7 Deep
	B	2	27			
	C	3	-			
F38*25	A	1	65	4	M8x1.25Px18L	M8x1.25Px7 Deep
	B	2	127			
	C	3	165			

All measurements in mm unless otherwise stated.

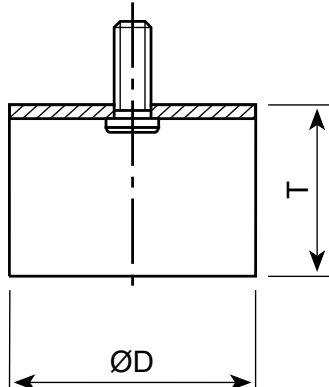
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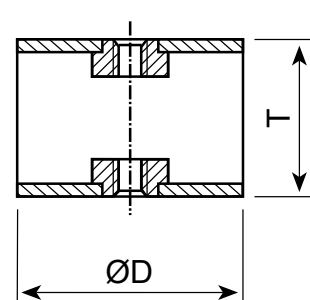
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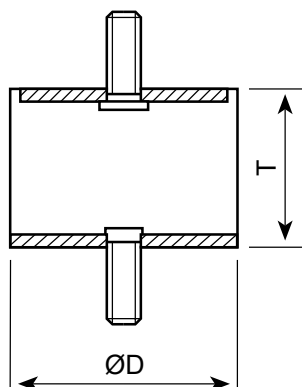
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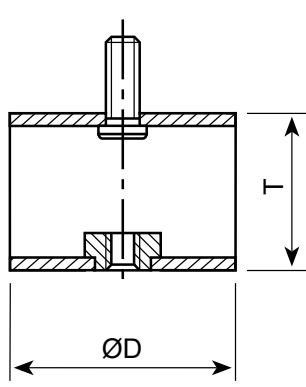
Size/Part No.	Shore Hardness	Type	Max Compressive Load(kg)	STATIC DEFL (mm)	Thread Size	Bolt/Nut
F 38x38	A	1	61	6	M8x1.25Px1.8L	M8x1.25Px7 Deep
	B		78			
	C		100			
F 40x30	A	4	60.5	3	M8x1.25Px23L M8*	M8x1.25Px7 Deep
	B	1	108			M8x1.25Px7 Deep
		2	108			
		3	108			
		4	114			
	C	4	195			-
F 40x40	A	1	65	6	M10x1.5Px38L M8	M10 x 1.5P x 10 Deep
		4	78			-
	B	2	93			M10 x 1.5P x 10 Deep
		4	148			-
	C	3	132			M10 x 1.5P x 10 Deep
		4	233			-
F 50x35	A	4	139.5	6	M10	-
	B		264			
	C		363			
F 50x40	A	4	111.5	7	M10x1.5Px22L	-
	B	1	151			M10x1.5Px12 Deep
		4	195			-
	C	4	244			-
F 50x45	A	4	49.5	8	M8*	-
	B					
F 50x50	A	1	71.5	7	M10x1.5Px22L	M10x1.5Px12 Deep
	B	2	132			
	C	3	202			
F 55x38	A	1	65	4	M8x1.25Px18L	M8x1.25Px7 Deep

All measurements in mm unless otherwise stated.

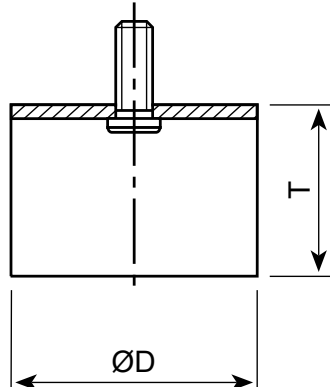
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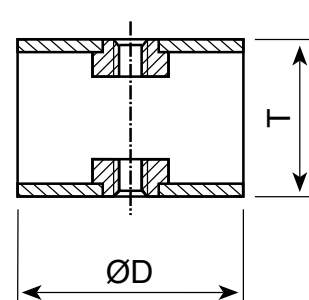
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Type 3

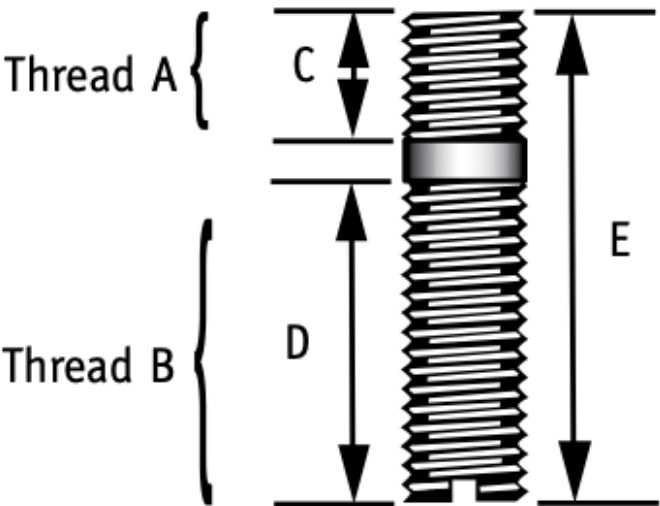


Type 4



Size/Part No.	Shore Hardness	Type	Max Compressive Load(kg)	STATIC DEFL (mm)	Thread Size	Bolt/Nut
F 60x50	A	1	112	6.5	M12x1.75Px2.7L	M12x1.75Px15 Deep
	B	2	201			
	C	3	285			
F 75x50	A	4	150	6.5	M10	-
	B	4	280			
	C	4	390			
F 75x55	A	1	178	6	M12x1.75Px37L	M12x1.75Px15 Deep
	B	2	292			
	C	3	443			
F 80x60	A	1	230	8	M12x1.75Px30L	M12x1.75Px20 Deep
	B	2	352			
	C	3	505			
F 100x55	A	1	324	6	M16x2Px43L	M16x2Px20 Deep

All measurements in mm unless otherwise stated.



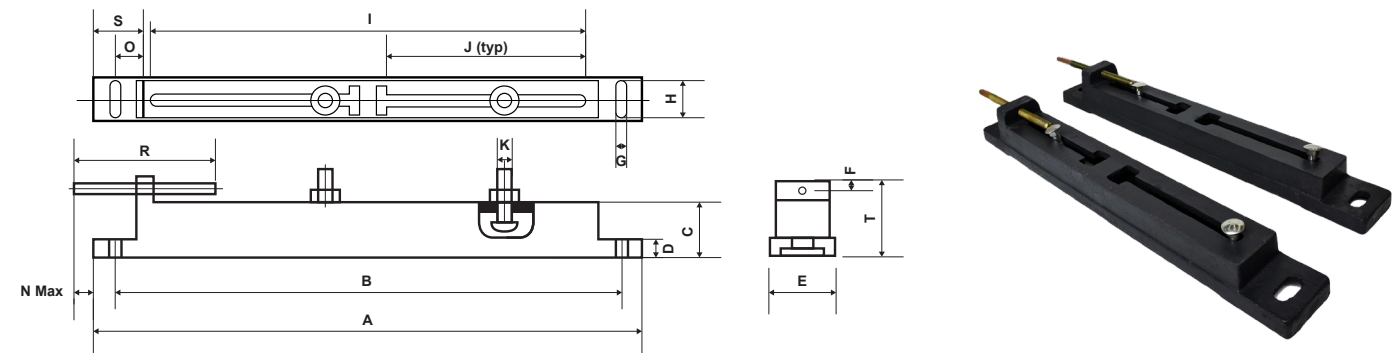
Stud Part No.	Threads		Dimensions		
	A	B	C	D	E
M10XM10	M10 x 1.5	M10 x 1.5	10	25	37
M10XM12	M10 x 1.5	M12 x 1.75	10	35	49
M6XM6	M6 x 1.0	M6 x 1.0	6	15	21
M6XM8	M6 x 1.0	M8 x 1.25	6	20	28
M8XM10	M8 x 1.25	M10 x 1.5	8	25	35
M6XM8	M8 x 1.25	M8 x 1.25	8	20	28

All measurements in mm unless otherwise stated.

Motor Mounts

TransDrive slide rails, made from galvanized steel, support motor frame sizes 63 to 225 and include adjustable positioning blocks for quick and accurate drive alignment. Their design ensures efficient installation and corrosion resistance, making them ideal for applications requiring frequent adjustments.





Product Code	Weight (kg)	A	B	C	D	E	F	G	H	I	J	K	M	N	O	R	S	T
MR08090	3	380	328	30	15	48	10	15	25	245	95	8	75	25	40	145	65	50
MR100132	8.5	475	425	37	19	70	10	14	35	340	150	10	135	26	42	200	68	62
MR160180	10	567	515	48	19	72	11	18	35	380	162	12	115	28	57	200	85	70
MR220225	22	790	780	60	32	92	18	20	20	610	285	16	200	30	60	290	90	92
MR250280	40	945	870	70	38	105	16	21	21	725	305	20	240	35	70	380	105	110
MR315355	105	1220	1115	125	40	122	22	30	30	920	420	24	285	50	105	450	155	170

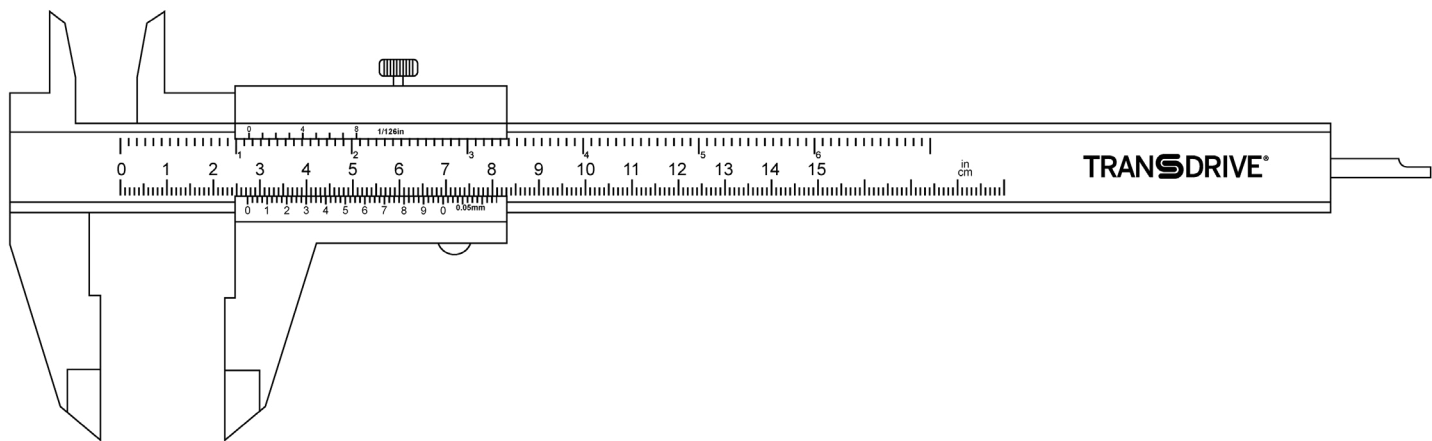
All measurements are in mm

Vernier Calipers

TransDrive Vernier Calipers are precision measuring tools designed for accurate measurement of external and internal diameters, depths, and lengths across engineering, manufacturing, machining, and quality control applications. Featuring a fixed main scale and a sliding Vernier scale, they provide precise, repeatable measurements to as fine as 0.02 mm or 0.001 in, making them an essential instrument for achieving consistent accuracy and reliable results.



Analogue Vernier Calipers



Product Code	mm / inch	mm bottom	inch top	 mm	 mm	 mm
MR08090	150 / 6	0.05	1/1 28	40	16	48

TRANSDRIVE®

DRIVE PERFORMANCE

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Supplier

