

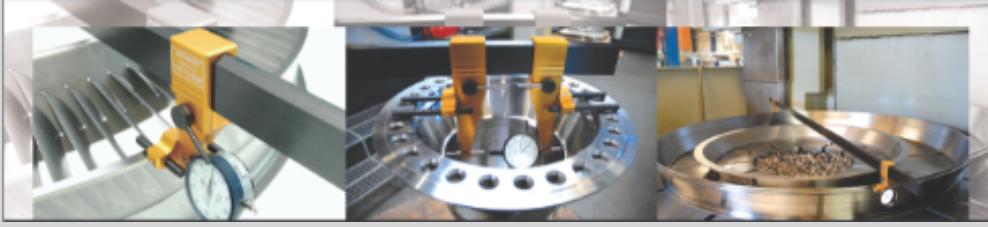


MEASURING INSTRUMENTS

Catalog



Easy-METRIC Gauges



Measurement from 100mm up to 8,000mm

Easy-METRIC is specialized in large CARBON Instruments, Gauges, and length Measuring Benches designed for factory use. For more details see our web site www.easymetric.com.

We cover any measurement from 100mm up to 8,000mm. Our measuring method is based on comparison thus allowing for greater precision.



INSTRUMENTS

Easy-METRIC instruments (gauges) are available in standard dimensions from 100mm (3.94 Inches) up to 8,000mm (315 Inches). With a large stock of standard instruments and accessories available, we provide the possibility to customize your equipment to your needs.

AN INNOVATION SOLUTION

We at **Easy-METRIC** have designed solutions with our project line to address common measuring needs encountered daily by technicians.

Horizontal benches : Made of granite, stainless, and Heidenhain electronic, they are the best choice to set our instruments in a factory or in an inspection room.

Instruments : Made of carbon technology, they are very light, rigid, temperature independent and flexible in their use. You can measure Internal/ External Diameter, Conic parts, Raceway on bearings, I/O Grooves, Gears, shafts etc...

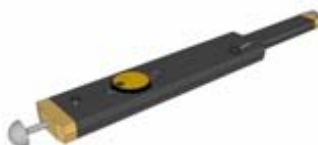
Factory Masters :Intermediate between Horizontal Benches and Instruments they're used to create a Master, under a minute, and taken along with the instrument to the technician at the workshop.

Our instruments are already in use in many Industries worldwide :

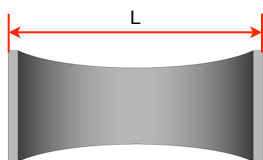
- Aerospace Engines
 - Gearboxes
 - Windmill Industry
 - Bearing Manufacturers
 - Steam/Gas Turbines
- Etc...



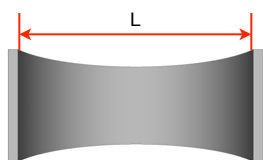
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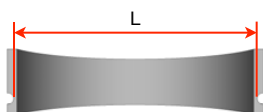




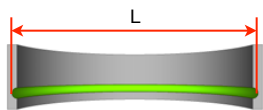
Instruments	BasicPro	BasicProReinforced	GM	GMReinforced	MCR	ODE
Pages	P07	P08	P07	P08	P19	P22



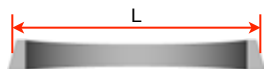
Instruments	BasicPro	BasicProReinforced	GM	GMReinforced	Alesometer	IDE
Pages	P07	P08	P07	P08	P16	P21



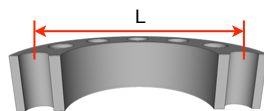
Instruments	BasicProPump	BasicProReinforcedPump	GMPump	GMReinforcedPump
Pages	P11	P12	P11	P12



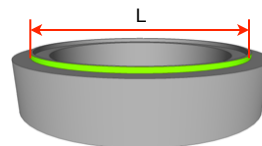
Instruments	BasicProPump	BasicProReinforcedPump	GMPump	GMReinforcedPump	Alesometer
Pages	P11	P12	P11	P12	P16



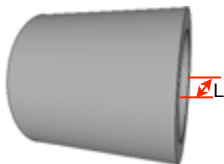
Instrument	MCR
Page	P19



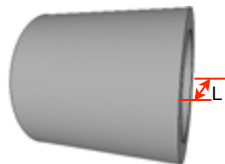
Instrument	BCD
Page	P20



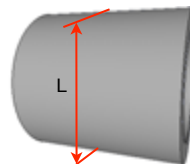
Instrument	BA
Page	P23



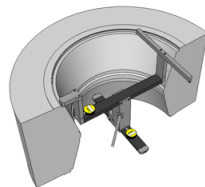
Instruments	BasicPro	GM
Pages	P07	P07



Instruments	BasicPro	GM
Pages	P07	P07



Instrument	CE
Page	P24

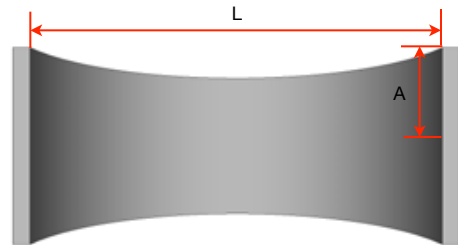
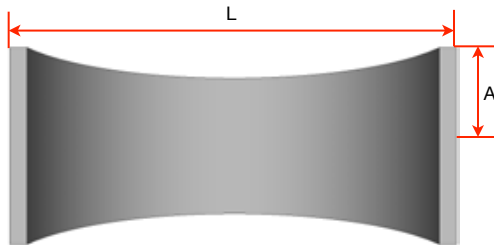


Instrument	SPIDER
Page	P25

GAUGING INSTRUMENTS

Instrument	Factory Master	Bench
Pages	P28	P31





Measures							
mm "h1"	Inch "h1"	BP65	BP85	BP120	BPR65	BPR85	BPR120
1≤A≤40 L<2500	0.039≤A≤1.574 L<98.425	X					
40<A≤60 L<2500	1.574<A≤2.362 L<98.425		X				
60<A≤95 L<2500	2.362<A≤3.740 L<98.425			X			
1≤A≤40 L≥2500	0.039≤A≤1.574 L≥98.425				X		
40<A≤60 L≥2500	1.574<A≤2.362 L≥98.425					X	
60<A≤95 L<2500	2.362<A≤3.740 L≥98.425						X

Measures							
mm "h1"	Inch "h1"	GM150	GM200	GM250	GMR150	GMR200	GMR250
95<A≤125 L<2000	3.740<A≤5.708 L<78.740	X					
125<A≤175 L<2000	3.740<A≤6.889 L<78.740		X				
175<A≤225 L<2000	6.889<A≤8.858 L<78.740			X			
95<A≤125 L≥2000	3.740<A≤5.708 L≥78.740				X		
125<A≤175 L≥2000	3.740<A≤6.889 L≥78.740					X	
175<A≤225 L≥2000	6.889<A≤8.858 L≥78.740						X

Note : These sheets consider the mobile thrust "B001-40" or "B001-80" to be in configuration "h1". If the instrument is set with mobile thrust in position "h2", the drop capacity is "A +20mm" or "A+0.787" ".

Example : 40<A≤60 for position "h1" becomes in position "h2" 60<A≤80 or 1.574<A≤3.149 inches.



BasicPro



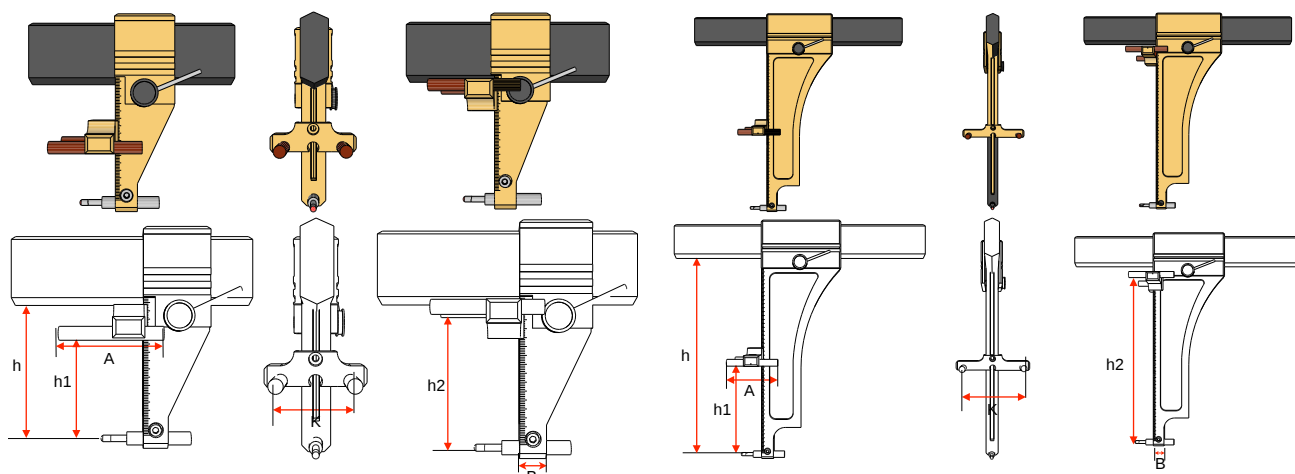
GM



BasicProReinforced

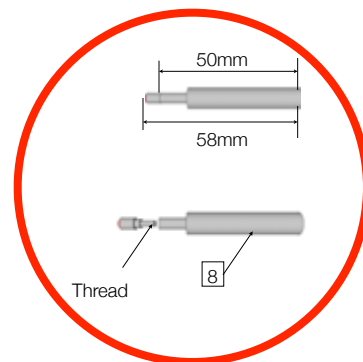
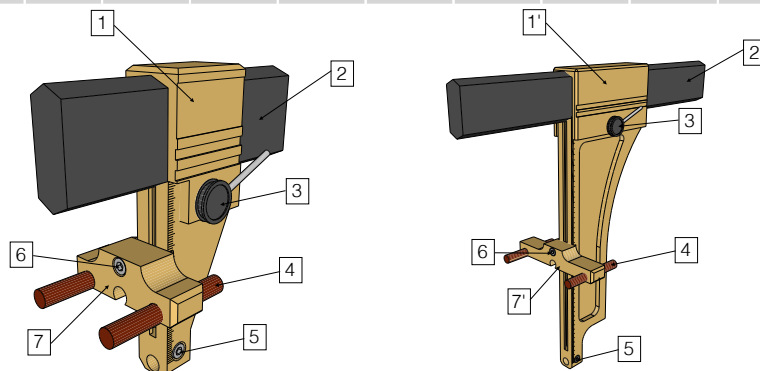


GMReinforced



Model	h		h1		h2		A		B		K		K*	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
BP65	0-65	0-2.559	0-40	0-1.574	0-60	0-2.362	60	2.362	15	0.590	40	1.575	80	3.150
BP85	0-85	0-3.346	0-60	0-2.362	0-80	0-3.149	60	2.362	15	0.590	40	1.575	80	3.150
BP120	0-120	0-4.724	0-95	0-3.740	0-115	0-4.527	60	2.362	15	0.590	40	1.575	80	3.150
GM150	0-150	0-5.905	0-125	0-4.921	0-145	0-5.708	60	2.362	15	0.590	80	3.150	40	1.575
GM200	0-200	0-7.874	0-175	0-6.889	0-195	0-7.677	60	2.362	15	0.590	80	3.150	40	1.575
GM250	0-250	0-9.842	0-225	0-8.858	0-245	0-9.645	60	2.362	15	0.590	80	3.150	40	1.575

(*) Options

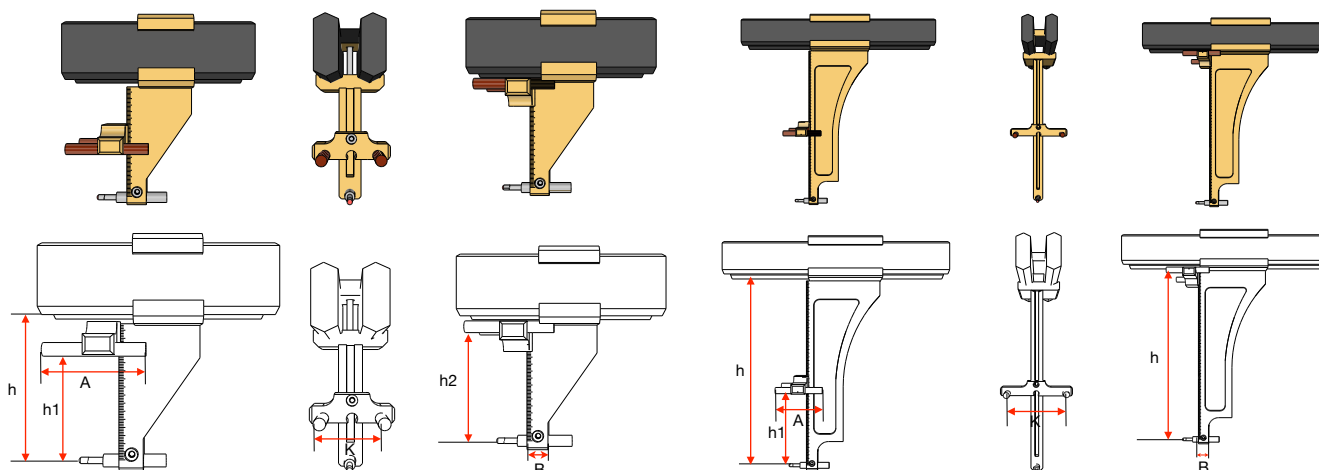


Rep.	Designation	Ref.	Observations	Qty/instr.
1	BasicPro 65 - 85 - 120	BP65/85/120	Sold exclusively with Ref. : 3-4-5-6-7-8	2
1'	GM 150 - 200 - 250	GM150/200/250	Sold exclusively with Ref. : 3-4-5-6-7-8	2
2	Carbon Ruler	xxx	xxx= Dimensions (ID-OD)	1
3	Excentric	EXC001	Option : Excentric for Allen Key [Ref. EXC002]	2
4	Cylindrical Pin Ø 8mm & L= 60mm	B006-60	Option : L= 80mm [Ref. B006-80]	4
5	Tip Lock	TL001		2
6	Thrust lock	THL001		2
7*	Set of Thrust 2/3 Points 40mm	B001-40	Option : Set of Thrust 2/3 Points 80mm [Ref. B001-80]	2
7**	Set of Thrust 2/3 Points 80mm	B001-80	Option : Set of Thrust 2/3 Points 40mm [Ref. B001-40]	2
8	Fix Tip Ø 8mm - Thread 2.5mm	FT001		1

Rep.	Designation	Ref.	Observations	Qty/instr.
1	BasicPro 65-i 85-i 120-i	BP65-i/85-i/120-i	Sold exclusively with Ref. : 3-4-5-6-7-8	2
1'	GM 150-i 200-i 250-i	GM150-i/200-i/250-i	Sold exclusively with Ref. : 3-4-5-6-7-8	2
2	Carbon Ruler	xxx	xxx= Dimensions (ID-OD)	1
3	Excentric	EXC001	Option : Excentric for Allen Key [Ref. EXC002]	2
4	Cylindrical Pin Ø 8 mm & L=2.362"	B006-60	Option : L= 3.149" [Ref. B006-80]	4
5	Tip Lock	TL001		2
6	Thrust lock	THL001		2
7**	Set of Thrust 2/3 Points 40mm [1.574]	B001-40	Option : Set of Thrust 2/3 Points 80mm [Ref. B001-80]	2
7***	Set of Thrust 2/3 Points 80mm [3.149]	B001-80	Option : Set of Thrust 2/3 Points 40mm [Ref. B001-40]	2
8	Fix Tip Ø 3/8" - Thread 4/48"	FT001-i		1

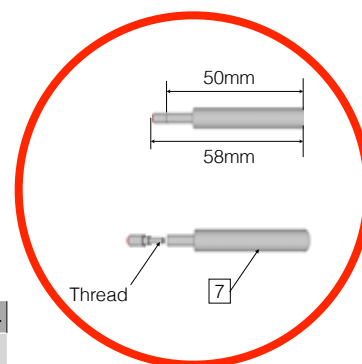
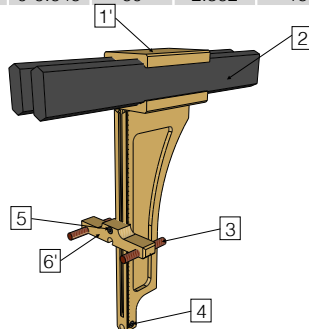
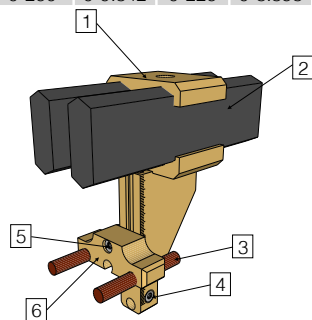
(**) BasicPro Series are always equipped, standard, with set of thrust "B001-40". The larger thrust "B001-80" can be ordered as an option. Make sure to mention it at time of RFQ / Order.

(***) GM Series are always equipped, standard, with set of thrust "B001-80". The smaller thrust "B001-40" can be ordered as an option. Make sure to mention it at time of RFQ/Order.



Model	h		h1		h2		A		B		K		K*	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
BPR65	0-65	0-2.559	0-40	0-1.574	0-60	0-2.362	60	2.362	15	0.590	40	1.575	80	3.150
BPR85	0-85	0-3.346	0-60	0-2.362	0-80	0-3.149	60	2.362	15	0.590	40	1.575	80	3.150
BPR120	0-120	0-4.724	0-95	0-3.740	0-115	0-4.527	60	2.362	15	0.590	40	1.575	80	3.150
GMR150	0-150	0-5.905	0-125	0-4.921	0-145	0-5.708	60	2.362	15	0.590	80	3.150	40	1.575
GMR200	0-200	0-7.874	0-175	0-6.889	0-195	0-7.677	60	2.362	15	0.590	80	3.150	40	1.575
GMR250	0-250	0-9.842	0-225	0-8.858	0-245	0-9.645	60	2.362	15	0.590	80	3.150	40	1.575

(*) Options

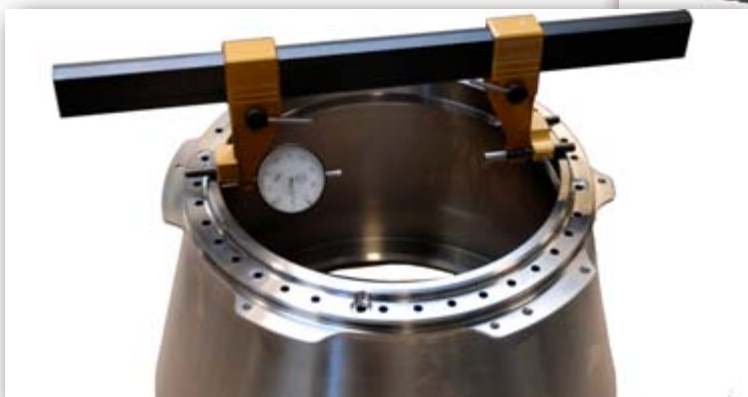


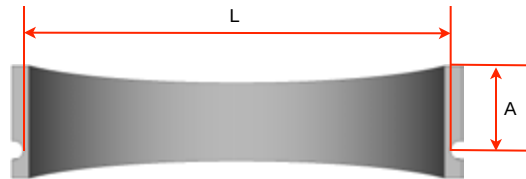
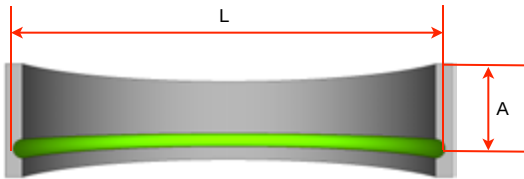
Rep.	Designation	Ref.	Observations	Qty/instr.
1	BasicProReinforced 65 - 85 - 120	BPR65/85/120	Sold exclusively with Ref. : 3-4-5-6-7	2
1'	GMReinforced 150 - 200 - 250	GMR150/200/250	Sold exclusively with Ref. : 3-4-5-6-7	2
2	Carbon Ruler	xxx	xxx= Dimensions (ID-OD)	2
3	Cylindrical Pin Ø 8mm & L= 60mm	B006-60	Option : L= 80mm [Ref. B006-80]	4
4	Tip Lock	TL001		2
5	Thrust lock	THL001		2
6*	Set of Thrust 2/3 Points 40mm	B001-40	Option : Set of Thrust 2/3 Points 80mm [Ref. B001-80]	2
6***	Set of Thrust 2/3 Points 80mm	B001-80	Option : Set of Thrust 2/3 Points 40mm [Ref. B001-40]	2
7	Fix Tip Ø 8mm - Thread 2.5mm	FT001		1

Rep.	Designation	Ref.	Observations	Qty/instr.
1	BasicProReinforced 65-i 85-i 120-i	BPR65-i/85-i/120-i	Sold exclusively with Ref. : 3-4-5-6-7	2
1'	GMReinforced 150-i 200-i 250-i	GMR150-i/200-i/250-i	Sold exclusively with Ref. : 3-4-5-6-7	2
2	Carbon Ruler	xxx	xxx= Dimensions (ID-OD)	2
3	Cylindrical Pin Ø 8 mm & L=2.362"	B006-60	Option : L= 3.149" [Ref. B006-80]	4
4	Tip Lock	TL001		2
5	Thrust lock	THL001		2
6**	Set of Thrust 2/3 Points 40mm [1.574]	B001-40	Option : Set of Thrust 2/3 Points 80mm [Ref. B001-80]	2
6***	Set of Thrust 2/3 Points 80mm [3.149]	B001-80	Option : Set of Thrust 2/3 Points 40mm [Ref. B001-40]	2
7	Fix Tip Ø 3/8" - Thread 4/48"	FT001-i		1

(**) BasicPro Series are always equipped, standard, with set of thrust "B001-40". The larger thrust "B001-80" can be ordered as an option. Make sure to mention it at time of RFQ / Order.

(***) GM Series are always equipped, standard, with set of thrust "B001-80". The smaller thrust "B001-40" can be ordered as an option. Make sure to mention it at time of RFQ/Order.





Measures		BPP65	BPP85	BPP120	BPRP65	BPRP85	BPRP120	Measures		GMP150	GMP200	GMP250	GMRP150	GMRP200	GMRP250
mm "h1"	Inch "h1"							mm "h1"	Inch "h1"						
1≤A≤40 L<2500	0.039≤A≤1.574 L<98.425	X						95<A≤125 L<2000	3.740<A≤5.708 L<78.740	X					
40<A≤60 L<2500	1.574<A≤2.362 L<98.425		X					125<A≤175 L<2000	3.740<A≤6.889 L<78.740		X				
60<A≤95 L<2500	2.362<A≤3.740 L<98.425			X				175<A≤225 L<2000	6.889<A≤8.858 L<78.740			X			
1≤A≤40 L≥2500	0.039≤A≤1.574 L≥98.425				X			95<A≤125 L≥2000	3.740<A≤5.708 L≥78.740				X		
40<A≤60 L≥2500	1.574<A≤2.362 L≥98.425					X		125<A≤175 L≥2000	3.740<A≤6.889 L≥78.740					X	
60<A≤95 L<2500	2.362<A≤3.740 L≥98.425						X	175<A≤225 L≥2000	6.889<A≤8.858 L≥78.740						X

Note : These sheets consider the mobile thrust "B001-40" or "B001-80" to be in configuration "h1". If the instrument is set with mobile thrust in position "h2", the drop capacity is "A +20mm" or "A+0.787" ".
Example : 40<A≤60 for position "h1" becomes in position "h2" 60<A≤80 or 1.574<A≤3.149 inches.



BasicProPump



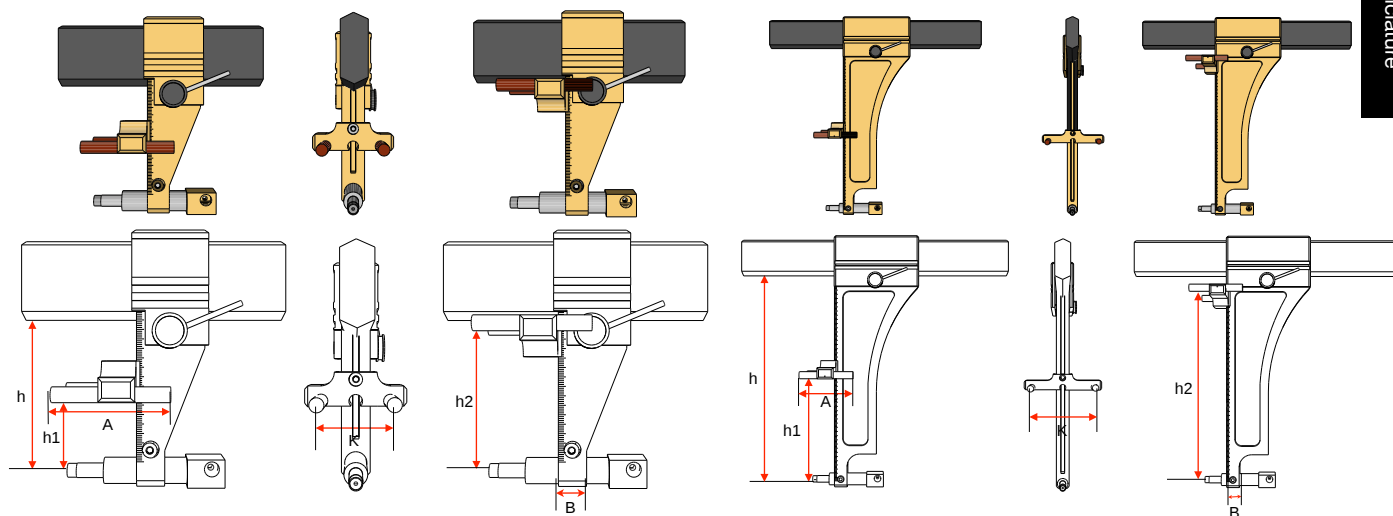
GMPump



BasicProReinforcedPump

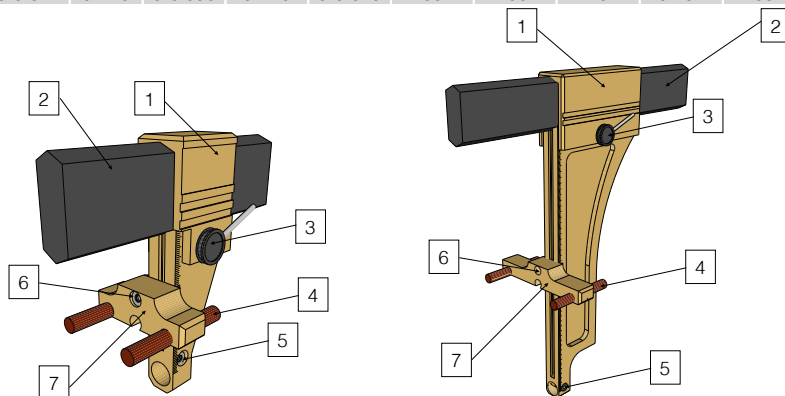


GMReinforcedPump



Model	h		h1		h2		A		B		K		K*	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
BPP65	0-65	0-2.559	0-40	0-1.574	0-60	0-2.362	60	2.362	20	0.787	40	1.575	80	3.150
BPP85	0-85	0-3.346	0-60	0-2.362	0-80	0-3.149	60	2.362	20	0.787	40	1.575	80	3.150
BPP120	0-120	0-4.724	0-95	0-3.740	0-115	0-4.527	60	2.362	20	0.787	40	1.575	80	3.150
GMP150	0-150	0-5.905	0-125	0-4.921	0-145	0-5.708	60	2.362	20	0.787	80	3.150	40	1.575
GMP200	0-200	0-7.874	0-175	0-6.889	0-195	0-7.677	60	2.362	20	0.787	80	3.150	40	1.575
GMP250	0-250	0-9.842	0-225	0-8.858	0-245	0-9.645	60	2.362	20	0.787	80	3.150	40	1.575

(*) Options

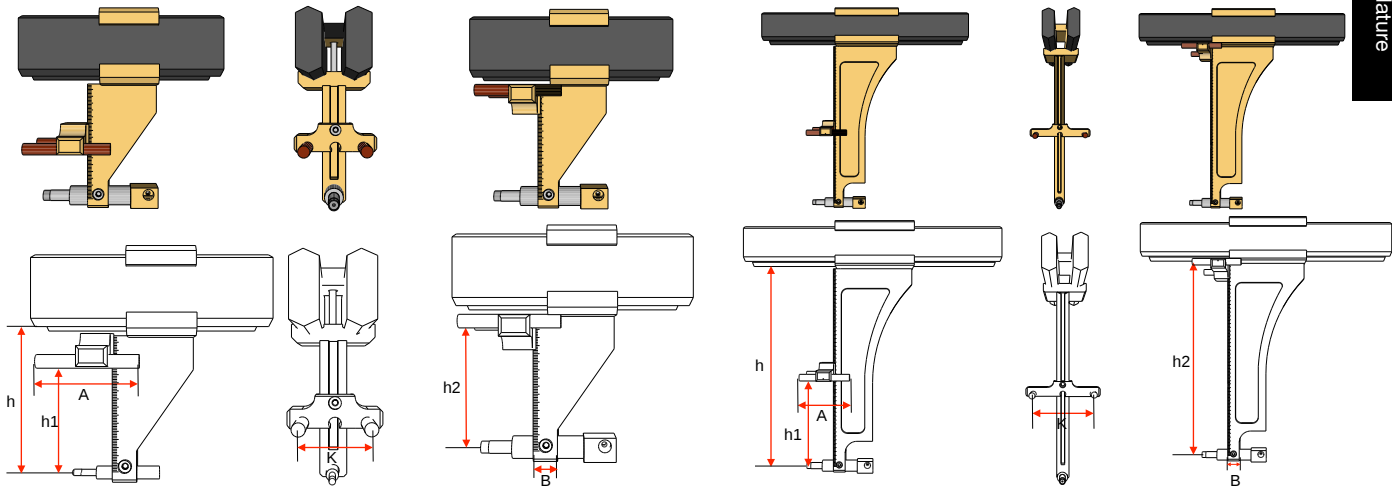


Rep.	Designation	Ref.	Observations	Qty/instr.
1	BasicProPump 65 - 85 - 120	BPP65/85/120	Sold exclusively with Ref. : 3-4-5-6-7-8	2
1'	GMP 150 - 200 - 250	GMP150/200/250	Sold exclusively with Ref. : 3-4-5-6-7-8	2
2	Carbon Ruler	xxx	xxx= Dimensions (ID-OD)	1
3	Excentric	EXC001	Option : Excentric for Allen Key [Ref. EXC002]	2
4	Cylindrical Pin Ø 8mm & L= 60mm	B006-60	Option : L= 80mm [Ref. B006-80]	4
5	Tip Lock	TL001		2
6	Thrust lock	THL001		2
7*	Set of Thrust 2/3 Points 40mm	B001-40	Option : Set of Thrust 2/3 Points 80mm [Ref. B001-80]	2
7***	Set of Thrust 2/3 Points 80mm	B001-80	Option : Set of Thrust 2/3 Points 40mm [Ref. B001-40]	2
8	Fix Tip Ø 8mm - Thread 2.5mm	FT001		1

Rep.	Designation	Ref.	Observations	Qty/instr.
1	BasicProPump 65-i 85-i 120-i	BPP65-i/85-i/120-i	Sold exclusively with Ref. : 3-4-5-6-7-8	2
1'	GM Pump 150-i 200-i 250-i	GMP150-i/200-i/250-i	Sold exclusively with Ref. : 3-4-5-6-7-8	2
2	Carbon Ruler	xxx	xxx= Dimensions (ID-OD)	1
3	Excentric	EXC001	Option : Excentric for Allen Key [Ref. EXC002]	2
4	Cylindrical Pin Ø 8 mm & L=2.362"	B006-60	Option : L= 3.149" [Ref. B006-80]	4
5	Tip Lock	TL001		2
6	Thrust lock	THL001		2
7**	Set of Thrust 2/3 Points 40mm [1.574]	B001-40	Option : Set of Thrust 2/3 Points 80mm [Ref. B001-80]	2
7***	Set of Thrust 2/3 Points 80mm [3.149]	B001-80	Option : Set of Thrust 2/3 Points 40mm [Ref. B001-40]	2
8	Fix Tip Ø 3/8" - Thread 4/48"	FT001-i		1

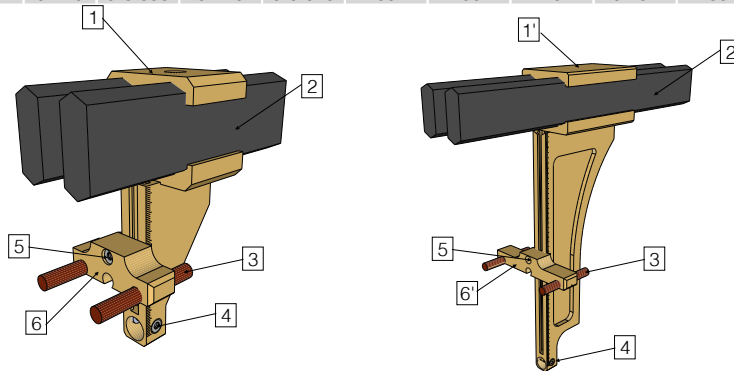
(**) BasicPro Pump Series are always equipped, standard, with set of thrust "B001-40". The larger thrust "B001-80" can be ordered as an option. Make sure to mention it at time of RFQ / Order.

(***) GM Pump Series are always equipped, standard, with set of thrust "B001-80". The smaller thrust "B001-40" can be ordered as an option. Make sure to mention it at time of RFQ/Order.



Model	h		h1		h2		A		B		K		K*	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
BPRP65	0-65	0-2.559	0-40	0-1.574	0-60	0-2.362	60	2.362	20	0.787	40	1.575	80	3.150
BPRP85	0-85	0-3.346	0-60	0-2.362	0-80	0-3.149	60	2.362	20	0.787	40	1.575	80	3.150
BPRP120	0-120	0-4.724	0-95	0-3.740	0-115	0-4.527	60	2.362	20	0.787	40	1.575	80	3.150
GMRP150	0-150	0-5.905	0-125	0-4.921	0-145	0-5.708	60	2.362	20	0.787	80	3.150	40	1.575
GMRP200	0-200	0-7.874	0-175	0-6.889	0-195	0-7.677	60	2.362	20	0.787	80	3.150	40	1.575
GMRP250	0-250	0-9.842	0-225	0-8.858	0-245	0-9.645	60	2.362	20	0.787	80	3.150	40	1.575

(*) Options



Rep.	Designation	Ref.	Observations	Qty/instr.
1	BasicProReinforcedPump 65 - 85 - 120	BPRP65/85/120	Sold exclusively with Ref. : 3-4-5-6-7-8	2
1'	GMReinforcedPump 150 - 200 - 250	GMRP150/200/250	Sold exclusively with Ref. : 3-4-5-6-7-8	2
2	Carbon Ruler	xxx	xxx= Dimensions (ID-OD)	2
3	Cylindrical Pin Ø 8mm & L= 60mm	B006-60	Option : L= 80mm [Ref. B006-80]	4
4	Tip Lock	TL001		2
5	Thrust lock	THL001		2
6**	Set of Thrust 2/3 Points 40mm	B001-40	Option : Set of Thrust 2/3 Points 80mm [Ref. B001-80]	2
6***	Set of Thrust 2/3 Points 80mm	B001-80	Option : Set of Thrust 2/3 Points 40mm [Ref. B001-40]	2
7	Fix Tip Ø 8mm - Thread 2.5mm	FT001		1

Rep.	Designation	Ref.	Observations	Qty/instr.
1	BasicProReinforcedPump 65-i 85-i 120-i	BPRP65-i/85-i/120-i	Sold exclusively with Ref. : 3-4-5-6-7-8	2
1'	GMReinforcedPump 150-i 200-i 250-i	GMRP150-i/200-i/250-i	Sold exclusively with Ref. : 3-4-5-6-7-8	2
2	Carbon Ruler	xxx	xxx= Dimensions (ID-OD)	2
3	Cylindrical Pin Ø 8 mm & L=60mm [0.315 & L= 2.362]	B006-60	Option : L= 3.149 [Ref. B006-80]	4
4	Tip Lock	TL001		2
5	Thrust lock	THL001		2
6**	Set of Thrust 2/3 Points 40mm [1.574]	B001-40	Option : Set of Thrust 2/3 Points 80mm [Ref. B001-80]	2
6****	Set of Thrust 2/3 Points 80mm [3.149]	B001-80	Option : Set of Thrust 2/3 Points 40mm [Ref. B001-40]	2
7	Fix Tip Ø 3/8" - Thread 4/48"	FT001-i		1

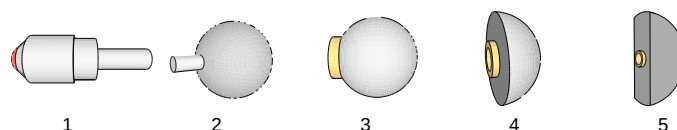
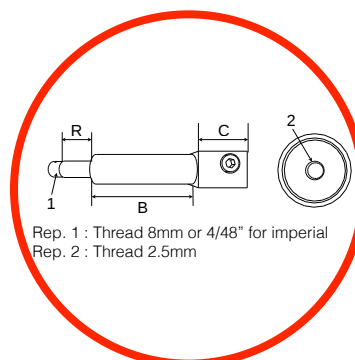
(**) BasicProReinforcedPump Series are always equipped, standard, with set of thrust "B001-40". The larger thrust "B001-80" can be ordered as an option. Make sure to mention it at time of RFQ / Order.

(***) GM Reinforced Pump Series are always equipped, standard, with set of thrust "B001-80". The smaller thrust "B001-40" can be ordered as an option. Make sure to mention it at time of RFQ/Order.

Pump reference for ball contact smaller or equal to $\varnothing$: 30mm -1.181 inch

Model	Ref.	R [Range]		B		C	
		mm	Inch	mm	Inch	mm	Inch
Pump 15*	PU-15	15	0.590	44	1.732	25	0.984
Pump 25	PU-25	25	0.984	44	1.732	33	1.299
Pump 30	PU-30	30	1.181	44	1.732	40	1.574
Pump 45	PU-45	45	1.771	44	1.732	67	2.637

(*) Standard pump



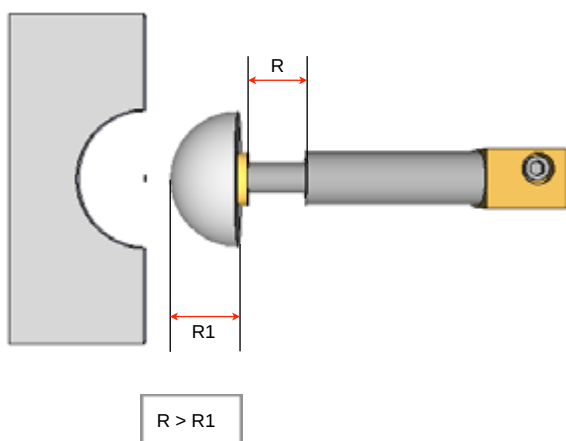
Pump reference for ball contact larger than $\varnothing$: 30mm -1.181 inch

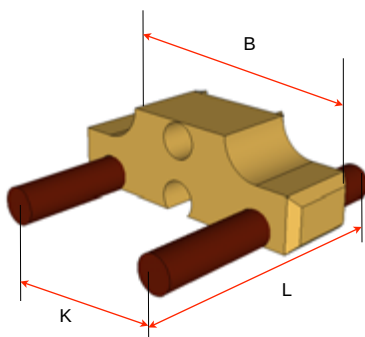
Model	Ref.	R [Range]		B		C	
		mm	Inch	mm	Inch	mm	Inch
Pump Strong 15	PUS-15	15	0.590	44	1.732	25	0.984
Pump Strong 25	PUS-25	25	0.984	44	1.732	33	1.299
Pump Strong 30	PUS-30	30	1.181	44	1.732	40	1.574
Pump Strong 45	PUS-45	45	1.771	44	1.732	67	2.637

Balls Design	Ball $\varnothing$		Ref.	
	mm	Inch	mm	Inch
1	$4 > \varnothing$	$0.157 < \varnothing$	FT002	FT002-i
2	$4 \leq \varnothing < 16$	$0.157 \leq \varnothing < 0.630$	BAL $\varnothing$ (*)	
3	$16 \leq \varnothing < 25$	$0.630 \leq \varnothing < 0.984$	BAL $\varnothing$	
4	$25 \leq \varnothing < 60$	$0.984 \leq \varnothing < 2.362$	BAL $\varnothing$	
5	$\varnothing \geq 60$	$\varnothing \geq 2.362$	BAL $\varnothing$	

(*) Ball 25mm (0.984 inch): Ref= BAL25 or BAL0.984 (imperial)

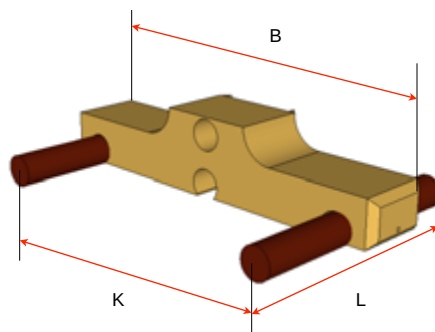
Pump travel for inner raceway diameters, based on the size of the contact





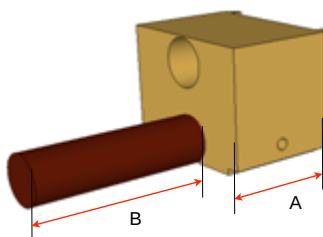
Thrust 2/3 Points		L*		K		B	
Model	Ref.	mm	Inch	mm	Inch	mm	Inch
1 Point Thrust L=60mm	B001-40/60	60	2.362	40	1.575	60	2.362
1 Point Thrust L=80mm	B001-40/80	80	3.149	40	1.575	60	2.362
1 Point Thrust L=100mm	B001-40/100	100	3.937	40	1.575	60	2.362

(*) See "Cylindric Pin" references



Thrust 2/3 Points		L*		K		B	
Model	Ref.	mm	Inch	mm	Inch	mm	Inch
1 Point Thrust L=60mm	B001-80/60	60	2.362	80	3.150	100	3.937
1 Point Thrust L=80mm	B001-80/80	80	3.149	80	3.150	100	3.937
1 Point Thrust L=100mm	B001-80/100	100	3.937	80	3.150	100	3.937

(*) See "Cylindric Pin" references



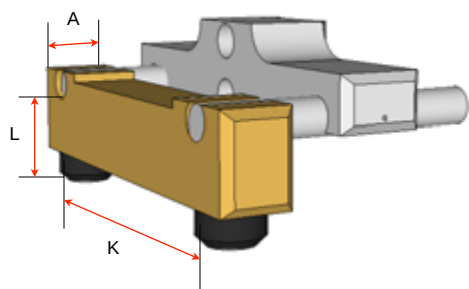
1 Point Thrust		L*		A		B**	
Model	Ref.	mm	Inch	mm	Inch	mm	Inch
1 Point Thrust L=20mm	B003/20	20	0.787	16	0.630	4	0.157
1 Point Thrust L=60mm	B003/60	60	2.362	16	0.630	44	1.732
1 Point Thrust L=80mm	B003/80	80	3.149	16	0.630	64	2.519
1 Point Thrust L=100mm	B003/100	100	3.937	16	0.630	84	3.307

(*) See "Cylindric Pin" references

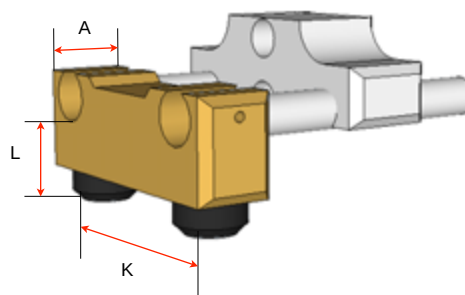
(**) B = L - A



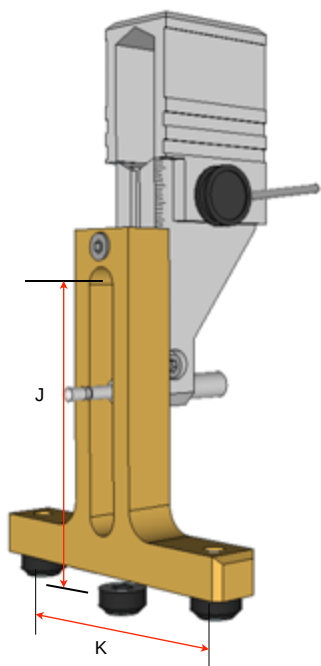
Cylindrical Pin		L		Ø	
Model	Ref.	mm	Inch	mm	Inch
Cylindrical Pin L=20mm	B006-20	20	0.787	8	0.315
Cylindrical Pin L=60mm	B006-60	60	2.362	8	0.315
Cylindrical Pin L=80mm	B006-80	80	3.149	8	0.315
Cylindrical Pin L=100mm	B006-100	100	3.937	8	0.315



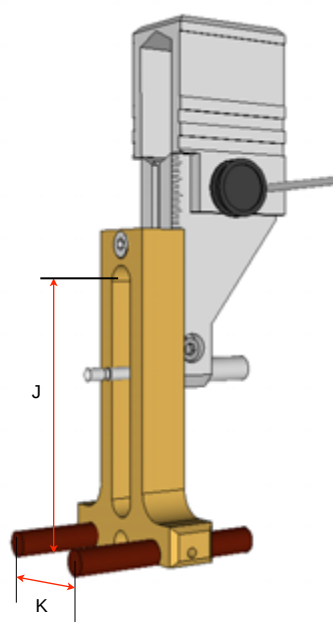
2/3 Points Negative Adapter		L		K		A	
Model	Ref.	mm	Inch	mm	Inch	mm	Inch
Wide	BA002-80	20	0.787	80	3.150	15	0.590



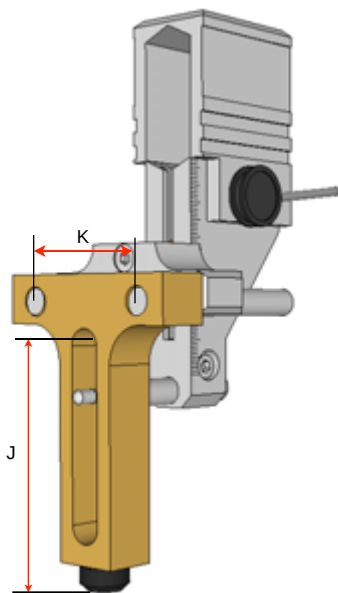
2/3 Points Negative Adapter		L		K		A	
Model	Ref.	mm	Inch	mm	Inch	mm	Inch
Narrow	BA002-40	20	0.787	40	1.575	15	0.590



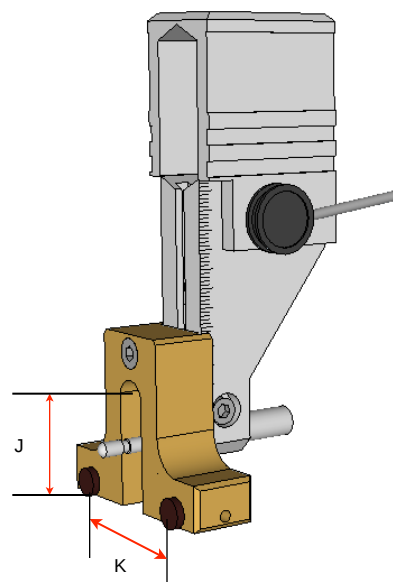
2/3 Points Negative Column Thrust		K		J	
Model	Ref.	mm	Inch	mm	Inch
Wide	B005-80/110	80	3.150	110	4.330
Narrow	B005-40/110	40	1.575	110	4.330



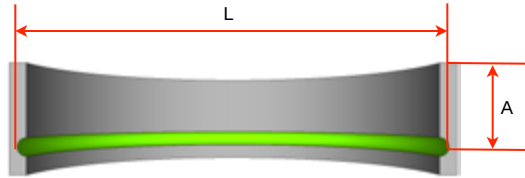
2/3 Points Negative Cylindrical Thrust		K		J	
Model	Ref.	mm	Inch	mm	Inch
Wide	B004-80/110	80	3.150	110	4.330
Narrow	B004-40/110	40	1.575	110	4.330



2/3 Points Positive Column Thrust		K		J	
Model	Ref.	mm	Inch	mm	Inch
Wide	B007-80/110	80	3.150	110	4.330
Narrow	B007-40/110	40	1.575	110	4.330



2/3 Points Negative Cylindrical Thrust		K		J	
Model	Ref.	mm	Inch	mm	Inch
Wide	B008-80/30	80	3.150	30	1.181
Narrow	B008-40/30	40	1.575	30	1.181



Fixed Alesometer

Telescopic Alesometer



Type of instrument based on length

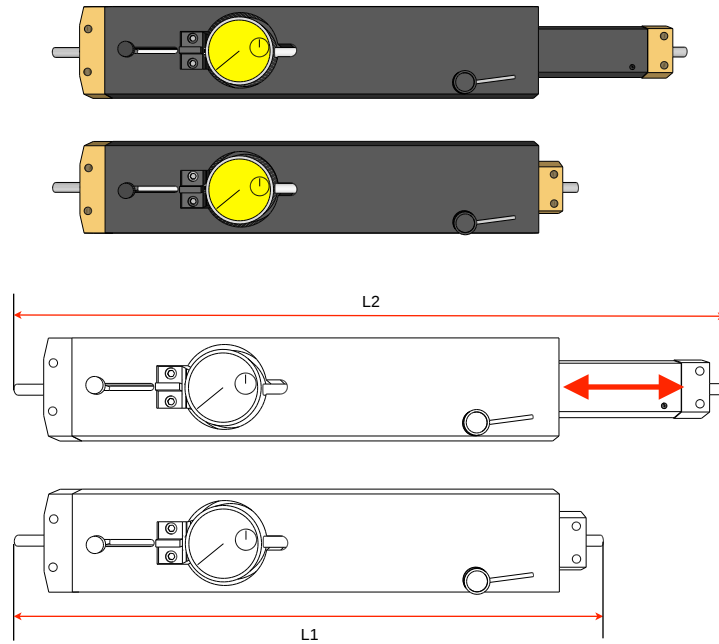
Capacity		Designation	Reference	Extension Type	Expension		Indicator	Réf. Comparateur	Course Comparateur	
mm	Inch				mm	Inch			mm	Inch
268 à 300	10.551 to 11.811	Fixed Alesometer	AL268/300-FT	Fixed Tip	25	0.984	Mitutoyo	2046SB	10	0.394
300 à 325	11.811 to 12.795	Fixed Alesometer	AL300/325-FT	Fixed Tip	25	0.984	Mitutoyo	2046SB	10	0.394
325 à 350	12.795 to 13.779	Fixed Alesometer	AL325/350-FT	Fixed Tip	25	0.984	Mitutoyo	2046SB	10	0.394
350 à 400	13.779 to 15.748	Telescopic Alesometer	AL350/400	Carbon Ruler	50	1.968	Mitutoyo	2046SB	10	0.394
400 à 500	15.748 to 19.685	Telescopic Alesometer	AL400/500	Carbon Ruler	100	3.937	Mitutoyo	2046SB	10	0.394
500 à 600	19.685 to 23.622	Telescopic Alesometer	AL500/600	Carbon Ruler	100	3.937	Mitutoyo	2046SB	10	0.394
600 à 700	23.622 to 27.559	Telescopic Alesometer	AL600/700	Carbon Ruler	100	3.937	Mitutoyo	2046SB	10	0.394
> 700	> 27.559	Telescopic Alesometer	AL700/...	Carbon Ruler	200	7.874	Mitutoyo	2046SB	10	0.394



Fixed Alesometer

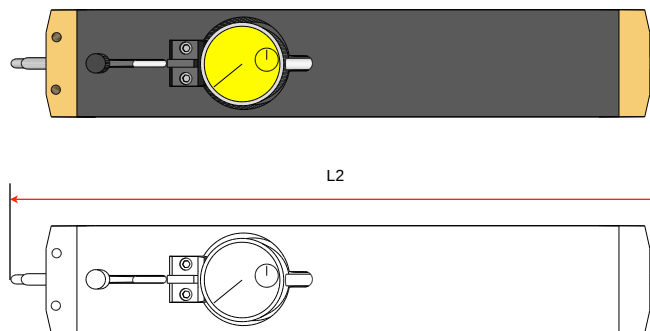


Telescopic Alesometer



Ø ball contacts		Designation	Reference (mm)	Reference (Inch)
mm	Inch			
$\varnothing \leq 30$	$\varnothing \leq 1.181$	Telescopic Alesometer L1 to L2	AL L1/L2	AL L1/L2-i
$\varnothing > 30$	$\varnothing > 1.181$	Telescopic Alesometer Strong L1 to L2	AL L1/L2-S	AL L1/L2-Si

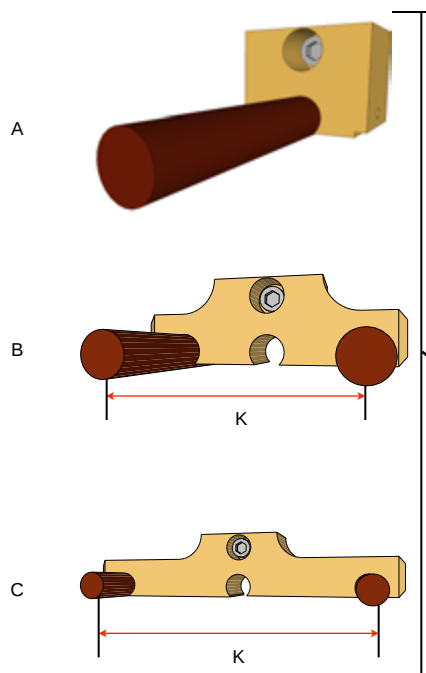
(*) Ex : Telescopic Alesometer 1500mm to 1700mm Ref : AL-T1500/1700
Ex : Telescopic Alesometer 59.055 Inch to 66.929 Inch Ref : AL-T 59.055/66.929-i



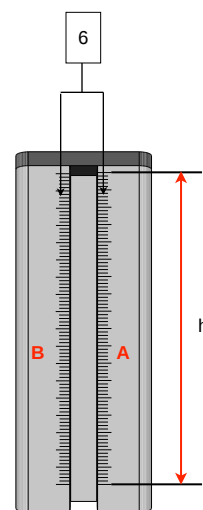
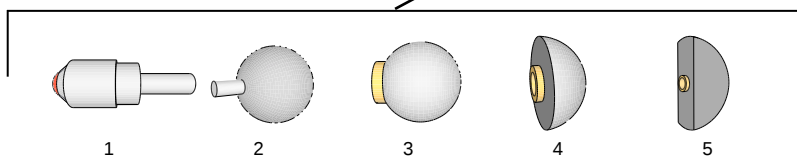
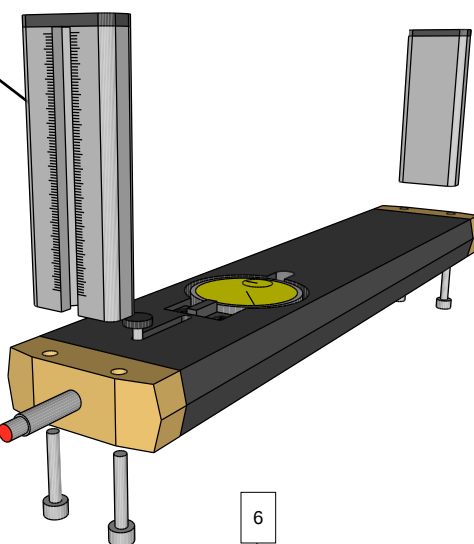
ALESOMETER (AL)	
mm (L2)	Inch (L2)
$AL \geq 150$	$AL \geq 5.905$

Ø ball contact		Designation	Reference (mm)	Reference (Inch)
mm	Inch			
$\varnothing \leq 30$	$\varnothing \leq 1.181$	Alesometer L2	AL L2	AL L2-i
$\varnothing > 30$	$\varnothing > 1.181$	Alesometer Strong L2	AL L2-S	AL L2-Si

(*) Ex : Alesometer telescopic 1500mm to 1700mm Ref : AL-T1500/1700
Ex : Alesometer telescopic 59.055 Inch to 66.929 Inch Ref : AL-T 59.055/66.929-i



Rep.	Designation	Reference	K	
A	01 Point Thrust FIX	B003	mm	Inch
B	Thrust 2/3 points 40mm	B001-40	40	1.575
C	Thrust 2/3 points 80mm	B001-80	80	3.150

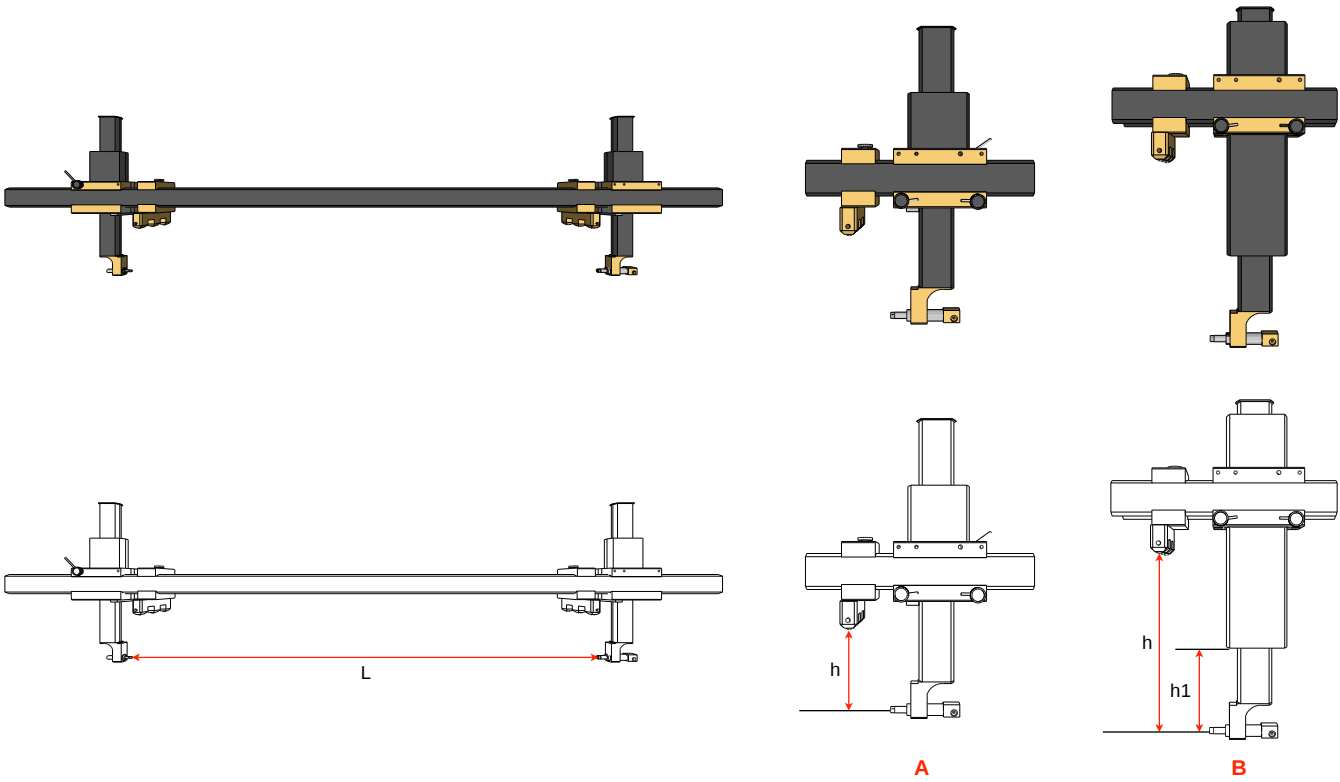
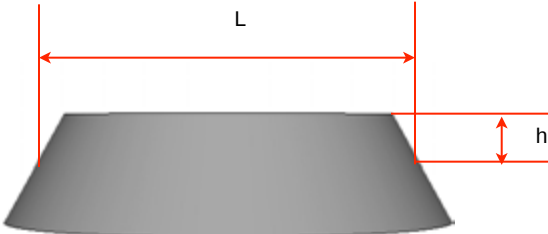


Balls Design	Ball Ø		Ref.	
	mm	Inch	mm	Inch
1	4 < Ø	0.157 < Ø	FT002	Ft002-i
2	4 ≤ Ø < 16	0.157 ≤ Ø < 0.630	BALØ(*)	
3	16 ≤ Ø < 25	0.630 ≤ Ø < 0.984	BALØ	
4	25 ≤ Ø < 60	0.984 ≤ Ø < 2.362	BALØ	
5	Ø ≥ 60	Ø ≥ 2.362	BALØ	

(*) EX : Ball 25mm (0,984 inch) Ref. BAL25 or BAL0.984

Designation	Reference	Obs
Set of Fixtures for Alesometer	FIX "h"	(x2) Many different optional heights available

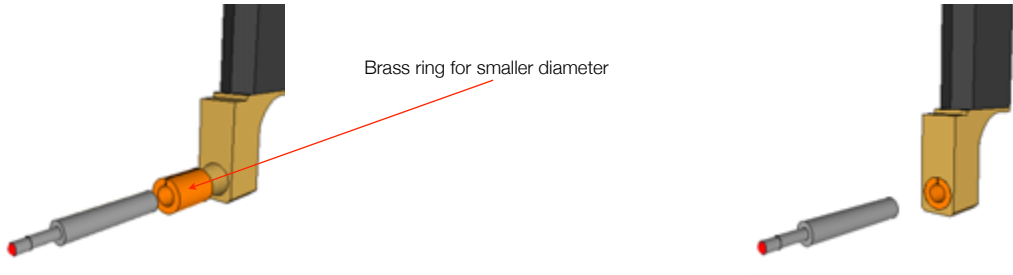
Rep.	Designation	Ref
6	Engrave side A (mm) side B (mm)	mm-mm
6	Engrave side A (mm) side B (Inch)	mm-Inch
6	Engrave side A (Inch) side B (Inch)	Inch-Inch

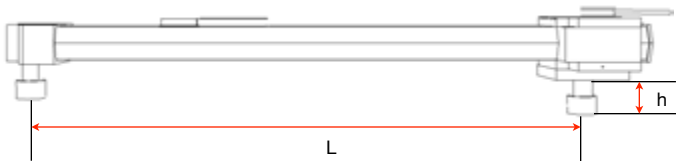
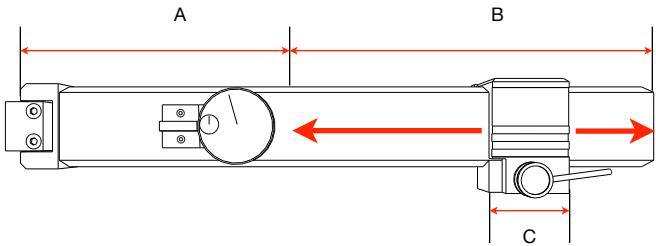
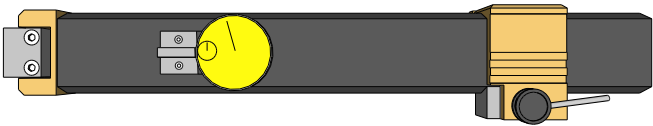
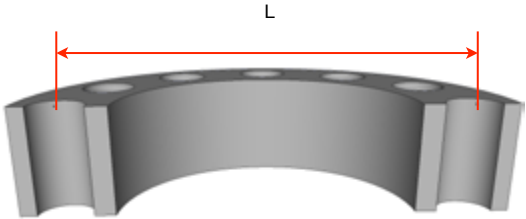


CONFIGURATION "A"				
Designation	(h)		(L)	
	mm	Inch	mm	Inch
MCR65	0 to 65	0 to 2.559	200 to 3500	7.874 to 137.795
MCR85	0 to 85	0 to 3.346	200 to 3500	7.874 to 137.795
MCR120	0 to 120	0 to 4,724	200 to 3500	7.874 to 137.795
MCR150	0 to 150	0 to 5.905	200 to 3500	7.874 to 137.795

CONFIGURATION "B"						
Designation	(h)		(h1)		(L)	
	mm	Inch	mm	Inch	mm	Inch
MCR250	250	9.842	150 to 250	5.905 to 9.842	200 to 3500	7.874 to 137.795
MCR350	350	13.779	250 to 350	9.842 to 13.779	200 to 3500	7.874 to 137.795
MCR450	450	17.716	350 to 450	13.779 to 17.716	200 to 3500	7.874 to 137.795

For h > 450mm (17.716 Inch) please contact us.

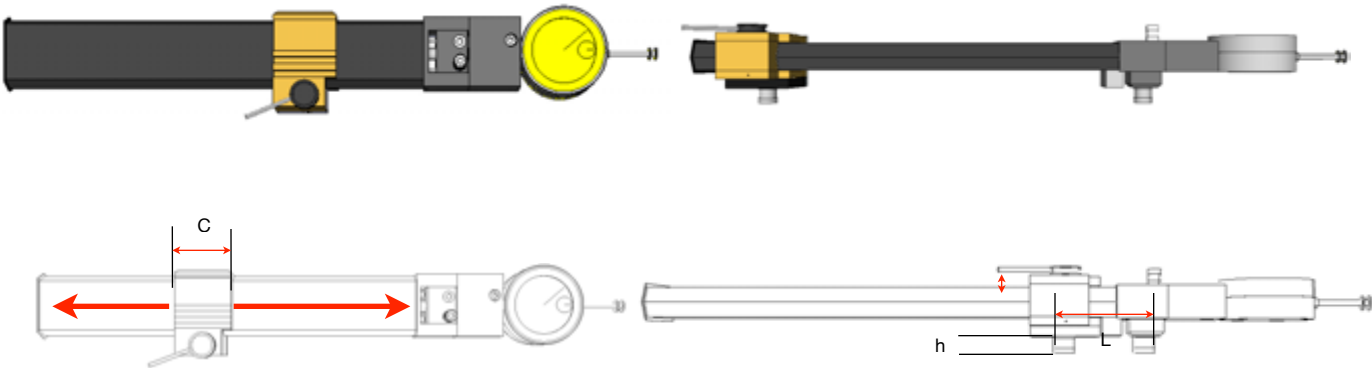
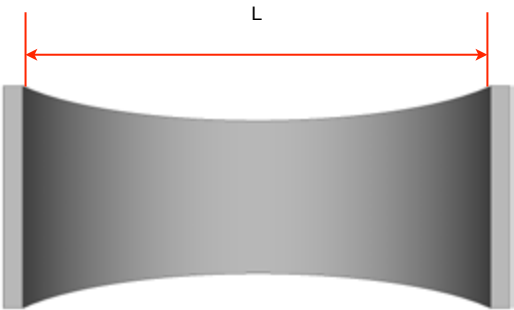




BCD		A		B	C		L (Max)		h (max)*	
Model	Ref.	mm	Inch		mm	Inch	mm	inch	mm	Inch
	BCD "L"	200	7.874	$B = L - A$	40	1.575	4000	157.480	15	0;590

(*) Up to 15mm (0.590") please contact your reseller

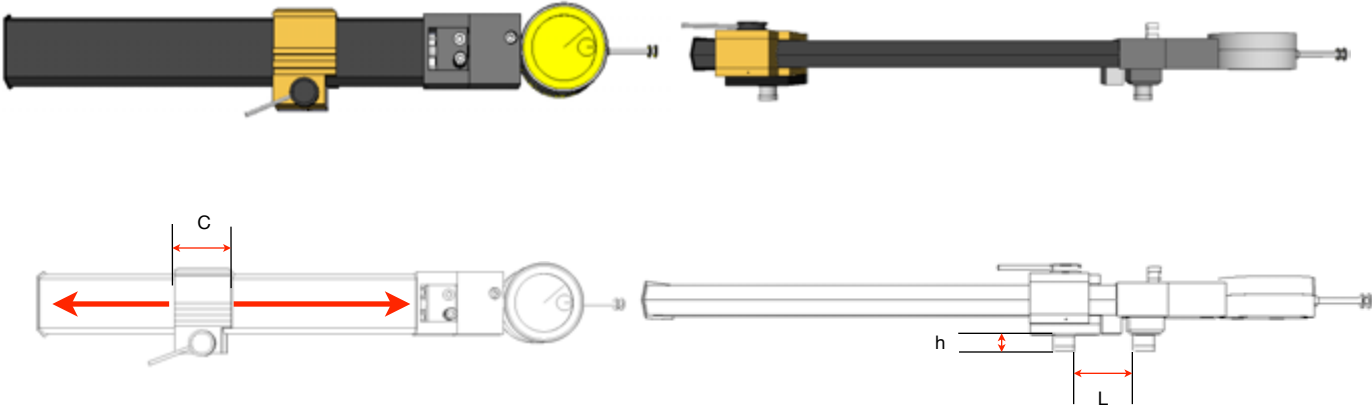
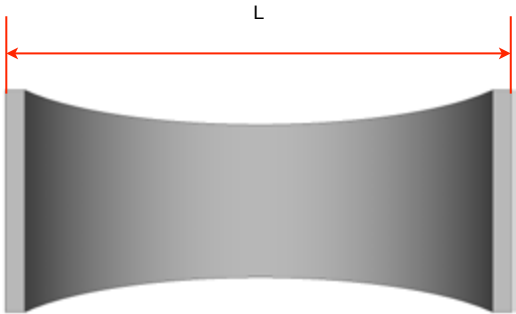




IDE		L (Mini)		L (Max)		C		h (max)*	
Model	Ref.	mm	Inch	mm	Inch	mm	Inch	mm	Inch
	ODE "L"	100	3.937	4000	157.480	40	1.575	15	0.590

(*) Up to 15mm (0.590") please contact your reseller

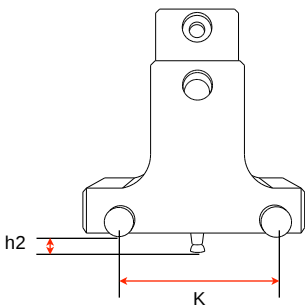
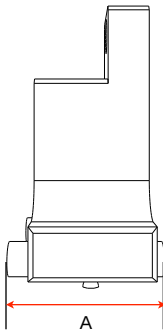
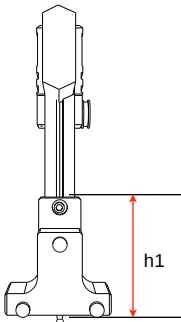
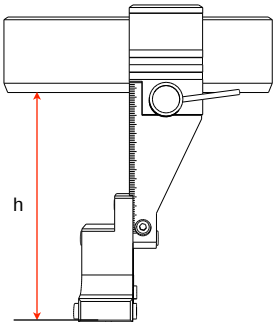
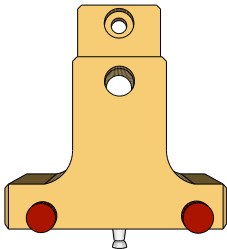
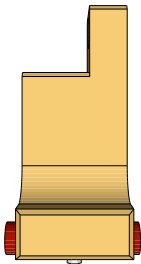
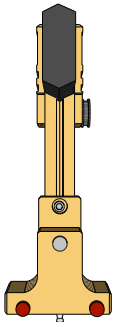
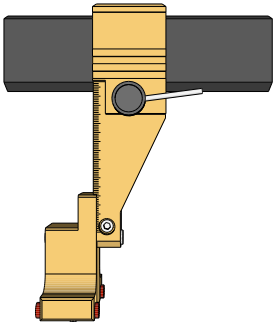
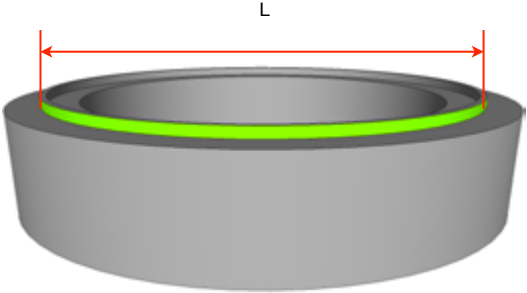




ODE		L (Mini)		L (Max)		C		h (max)*	
Model	Ref.	mm	Inch	mm	Inch	mm	Inch	mm	Inch
	ODE "L"	100	3.937	4000	157.480	40	1.575	15	0.590

(*) Up to 15mm (0.590") please contact your reseller



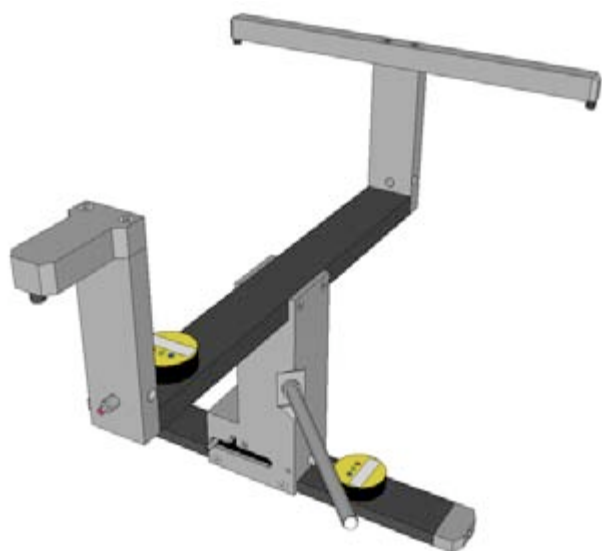
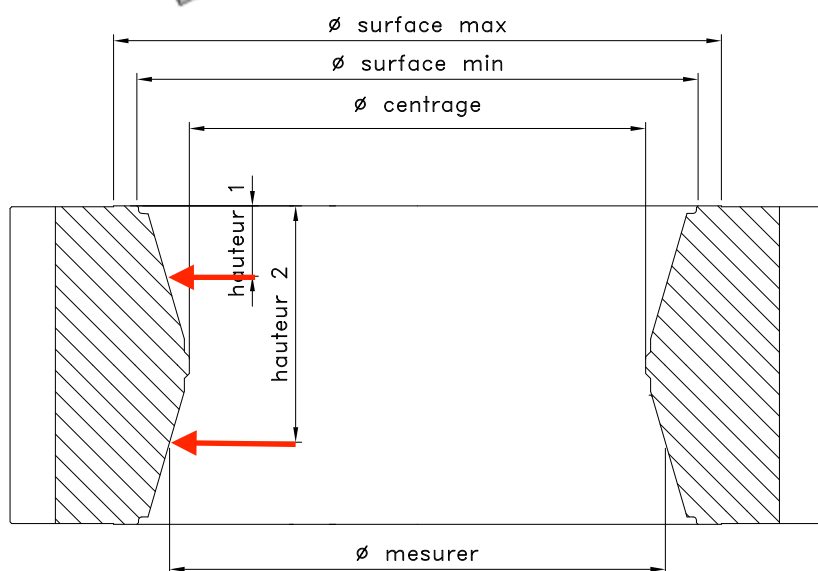
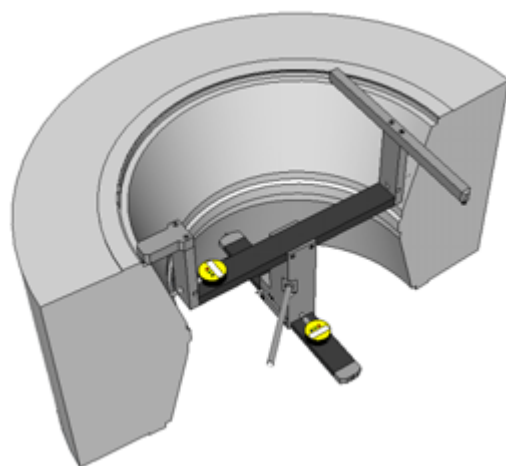


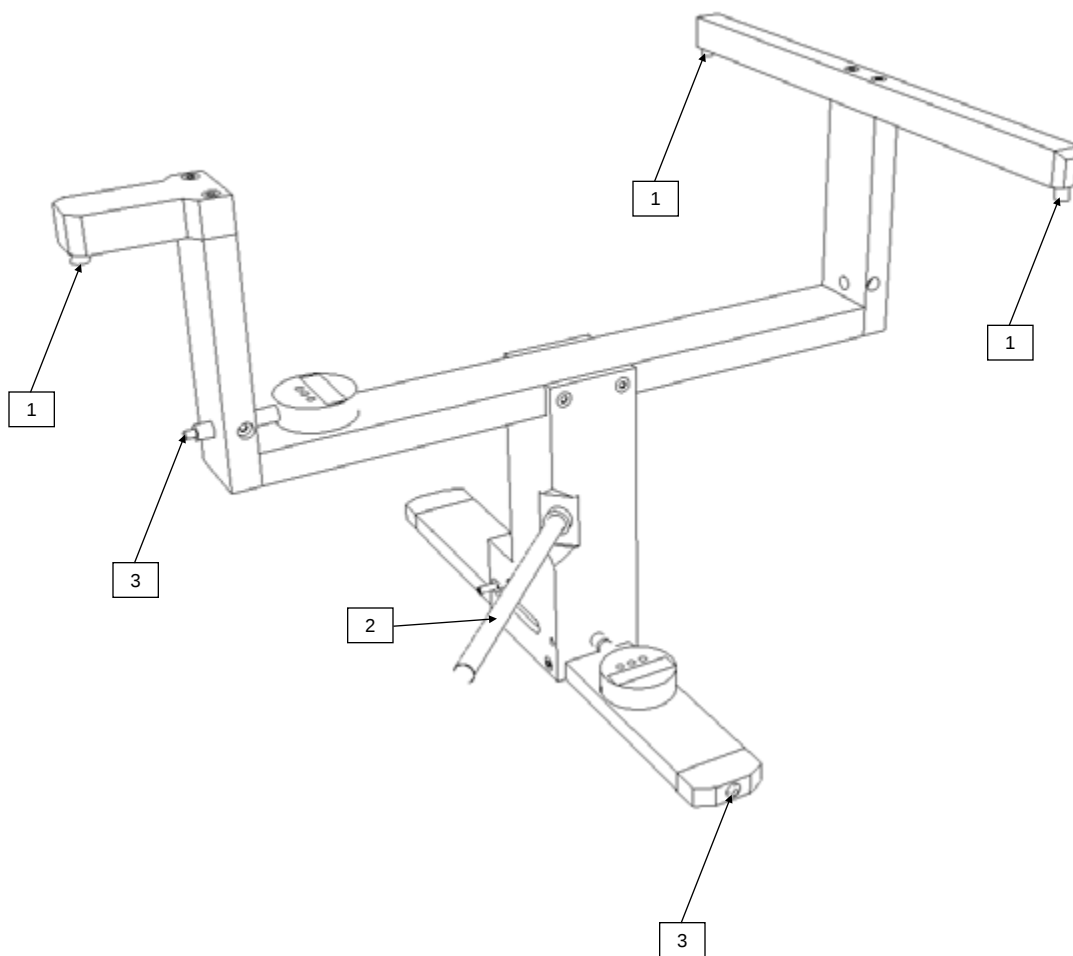
Designation	h		h1		h2		A		K	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
BA65	106	4.173	64	2.519	6	0.236	60	2.362	40	1.574
BA85	126	4.960	64	2.519	6	0.236	60	2.362	40	1.574
BA120	161	6.338	64	2.519	6	0.236	60	2.362	40	1.574





CE Carbon			L 1		L 2	
mm	Inch	Reference	mm	Inch	mm	Inch
CE Carbon from 300mm to 400mm	CE Carbon from 11.811 to 15.748	CE300/400	50	1.968	50	1.968
CE Carbon from 400mm to 500mm	CE Carbon from 15.748 to 19.685	CE400/500	50	1.968	50	1.968
CE Carbon from 500mm to 600mm	CE Carbon from 19.685 to 23.622	CE500/600	50	1.968	50	1.968
CE Carbon from 600mm to 700mm	CE Carbon from 23.622 to 27.559	CE600/700	50	1.968	50	1.968
CE Carbon from 700mm to 800mm	CE Carbon from 27.559 to 31.496	CE700/800	50	1.968	50	1.968
CE Carbon from 800mm to 900mm	CE Carbon from 31.496 to 35.433	CE800/900	50	1.968	50	1.968
CE Carbon from 900mm to 1000mm	CE Carbon from 35.433 to 39.370	CE900/1000	50	1.968	50	1.968
CE Carbon from 1000mm to 1100mm	CE Carbon from 39.370 to 43.307	CE1000/1100	50	1.968	50	1.968
CE Carbon from 1100mm to 1200mm	CE Carbon from 43.307 to 47.244	CE1100/1200	50	1.968	50	1.968
CE Carbon from 1200mm to 1300mm	CE Carbon from 47.244 to 51.181	CE1200/1300	50	1.968	50	1.968
CE Carbon from 1300mm to 1400mm	CE Carbon from 51.181 to 55.118	CE1300/1400	50	1.968	50	1.968
CE Carbon from 1400mm to 1500mm	CE Carbon from 55.118 to 59.055	CE1400/1500	50	1.968	50	1.968
CE Carbon from 1500mm to 1600mm	CE Carbon from 59.055 to 62.992	CE1500/1600	50	1.968	50	1.968
CE Carbon from 1600mm to 1700mm	CE Carbon from 62.992 to 66.929	CE1600/1700	50	1.968	50	1.968
CE Carbon from 1700mm to 1800mm	CE Carbon from 66.929 to 70.866	CE1700/1800	50	1.968	50	1.968
CE Carbon from 1800mm to 1900mm	CE Carbon from 70.866 to 74.803	CE1800/1900	50	1.968	50	1.968
CE Carbon from 1900mm to 2000mm	CE Carbon from 74.803 to 78.740	CE1900/2000	50	1.968	50	1.968



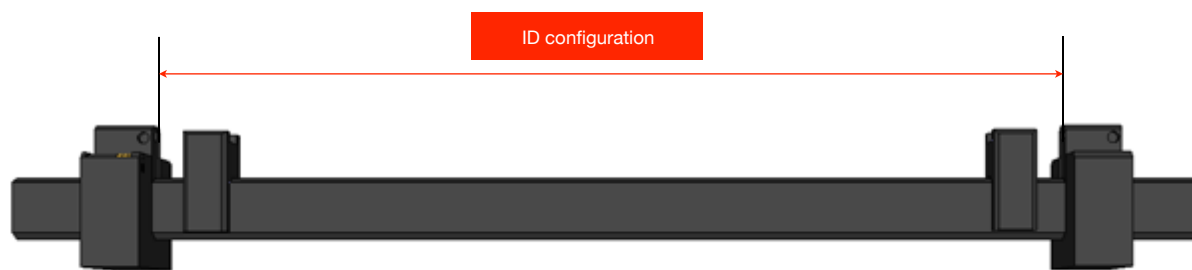
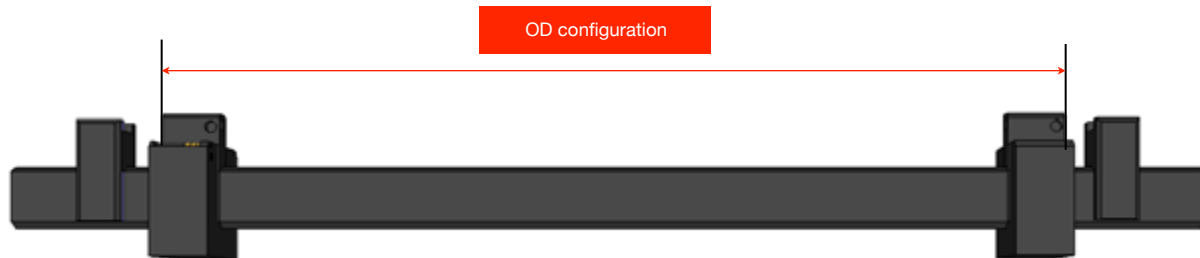


Rep.	Designation	Ref.	Observations	Qty/instr.
1	Reference datum pin			3
2	Spider Pen Ball	SPID-BALL		1
3	Ball Ø "xx"	BAL "xx"		4

GAUGING INSTRUMENTS

Catalog



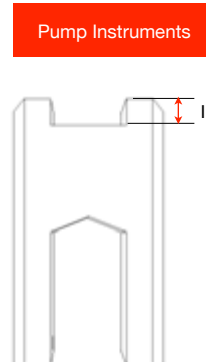
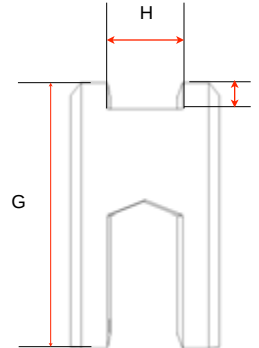
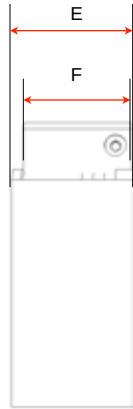
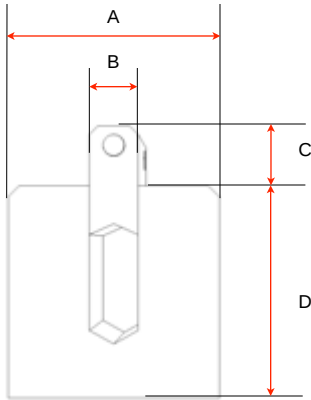


Factory Master + BasicPro



Nomenclature

Factory Master

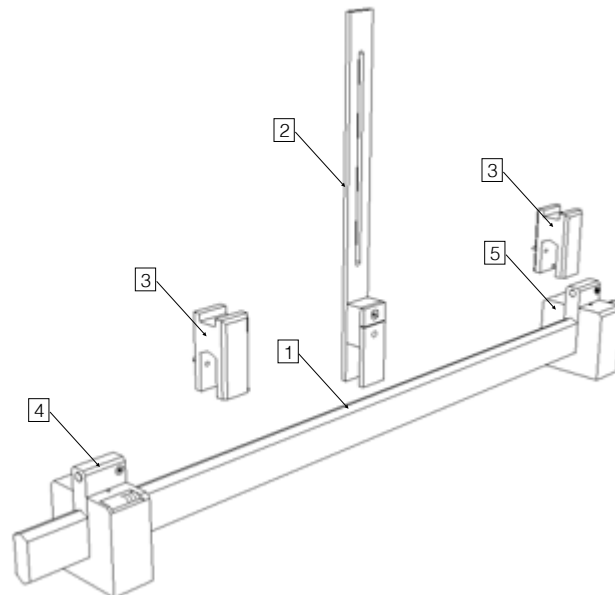


Pump Instruments

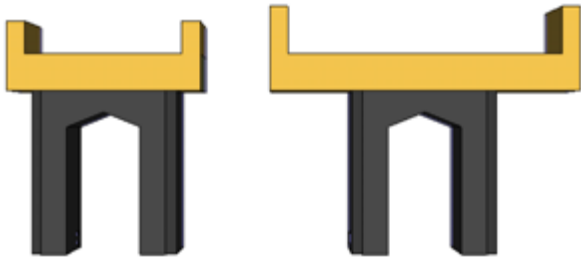
Model	A		B		C		D		E		F		G		H		I		I'		J	
	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
FM	77	3.031	18	708	22	866	77	3.031	40	1.575	40	1.575	70	2.756	19	0.748	6	0.236	11	0.433	29	1.142

Factory Master

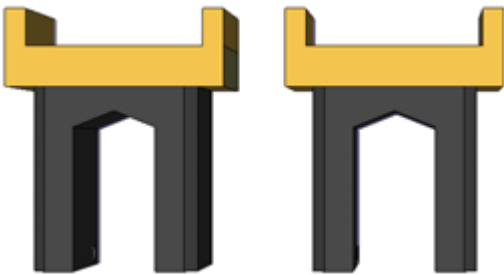
Designation	Reference	Obs
Factory Master Carbon "L"	FM "L"	L = Diameter Measured (ID and OD)
Factory Master Steel "L"	FMS "L"	L = Diameter Measured (ID and OD)



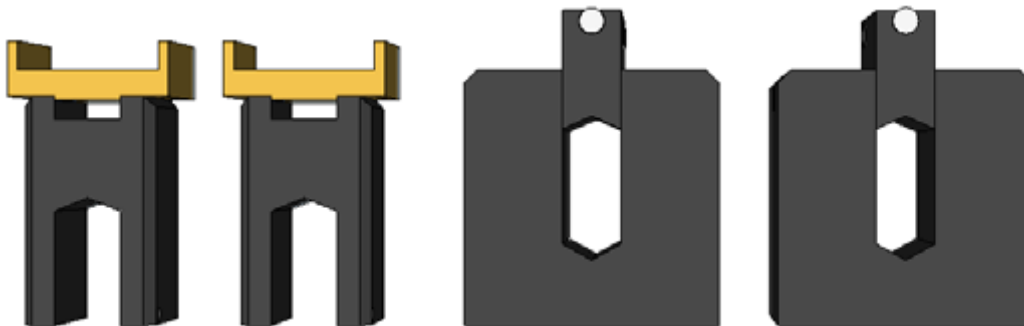
Rep.	Designation	Ref.	Observations	Qty/instr.
1	Carbon Ruler	CR	Steel Ruler : SR	1
2	"H" Support for Factory Master	FM-HS	For Reinforced Instruments : FM-HSR	1
3	Support Instrument for Factory Master	FM001	Pump Instruments : FM002 - Alesometer : FM003 - Telescopic Alesometer : FM004	2
4	Factory Master Bloc Digit	FMBD-01	For Steel Ruler : FMBD-01S - Factory Master without Digit : FMB-02	1
5	Factory Master Bloc	FMB-01	For Steel Ruler : FMB-01S	1



Alesometer Telescopic



Alesometer / Balancier



IDE / ODE Kit



T-90



Easy-METRIC made specific range of Bench (from 1500mm to 8000mm) Measurement for **TROPICAL** countries (Hight Humidity on Air). All parts are made in Stainless Steel, Bronze, Aluminium, Granite

VECTOR Bench	Stainless Steel	Bronze	Aluminium	Granit
Fixe Turret	x			
Mobile Turret	x			
All Spiral Springs	x			
All Screws	x			
Support for Gages Blocks	x			
Air Cushion		x		
Buttons			x	
Structure				x

Data Sheet

Measurement	
Resolution	0.01mm; 0.001mm; 0.0001mm (display on choice)
Measurement uncertainty	$(0.5 + L/1000) \mu\text{m}$

Ambient Conditions	
Humidity of Air	0% - 80%
Temperature of Use	10°C - 45°C 50°F - 113°F
Recommended Temperature	15°C - 25°C 59°F - 77°F

Assistance	
Force of Measurement	5 N
Assistance	Air Cushion

Heidenhain Display	
Operating Display	0°C to 45°C 32°F - 113°F
Storage Temperature	-20°C to 70°C -4°F to 158°F



Easy-METRIC, Inc. (Headquarters)

2426 North Hamlin Avenue
Chicago, IL 60647
United States of America

Mr **Sylvain Julien**
Tel : +1 (312) 428-6619
Mobile : +1 (415) 994-9079
E-mail : s.julien@easymetric.com



Easy-METRIC GmbH

Lebacher Strasse 4
D-66113 Saarbrücken
Germany

Mr **Wolfgang Bose**
Tel : +49 681-9963-687
Mobile : +49 160-963-90-721
E-mail : w.bose@easymetric.com



Easy-METRIC France (Headquarters)

31, Rue du Colonel Fabien
F-92160 Antony
France

Easy-METRIC France

04, rue Gutenberg
F-91070 Bondoufle
France

Mr **Marc Srebot**
Tel : +33 1 60 86 42 11
Mobile : +33 6 60 34 62 40
E-mail : m.srebot@easymetric.com

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