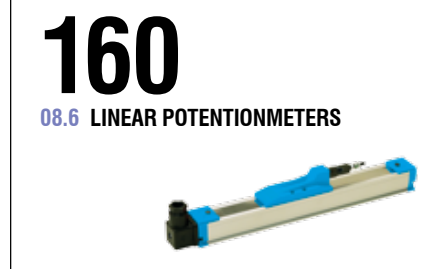
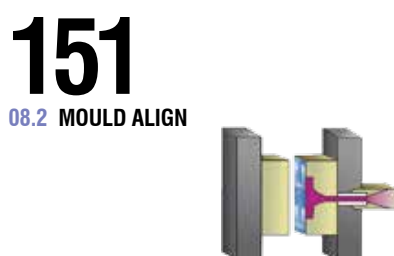




MOULDPRO

08.

MACHINE ACCESSORIES



MOULDScreens



Part No.	Mould Height	Max Width
SG-1	200 mm	550 mm
SG-2	300 mm	550 mm
SG-3	400 mm	550 mm
SG-4	500 mm	550 mm
SG-5	600 mm	550 mm

Description:

Prevent Plastic Parts scattering around the moulding machine with Scatterguard. The patented new design Contains the Ejected Parts within the Mould Area whilst the roller blind action allows a completely unrestricted view of the Mould Face. Scatterguard allows easy access to the mould with the Ultra Low Profile Design meaning that the mould screens can be installed even when there are lots of water connectors on the side of the mould. Supplied as a kit Scatterguard is simply installed with Magnetic Anchors and is easily movable to other Moulding Machines.


- Ultra Low Profile Design
- Crystal Clear Mould Screen
- Reduce Scrap Eliminate Contamination
- Ideal for Cleanroom Applications Increase Profits

MOLD-ALIGN® - A unique, affordable and easy to use tool that reveals pressure distribution between mold platens

3 Easy Steps

1

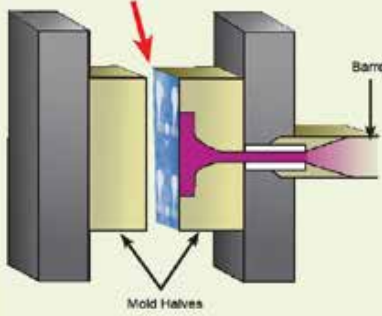
Mold-Align® comes on a roll



2


Place Mold-Align® between the two mold half surfaces

MOLD-ALIGN® GOES HERE



3

Mold-Align® captures a permanent image of surface pressure distribution



Part No.	Dimensions
MA26-1	26.7 cm x 1 m. (Sheet)
MA26	26.7 cm x 15.25 m. (Roll)
MA76-1	76.2 cm x 1 m. (Sheet)
MA76	76.2 cm x 15.25 m. (Roll)

Specifications:

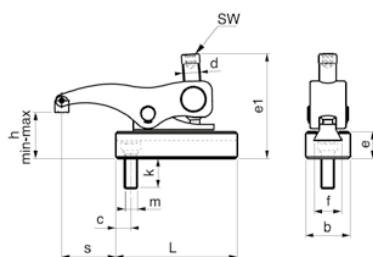
Thickness	4 mils (0.1016 mm)
Usable Humidity Range	10-90% RH
Pressure Range	200 - 6,000 PSI (14 - 422 kg/cm ²)
Temperature Limit	93°C

Parting Line aligned and Uniform:

One way to ensure proper mating of the tool halves at the parting line is simply by having a level molding machine and parallel platens. Leveling a machine requires three machinist levels. If you have shorts and flash, you could have a mold or clamping alignment problem. This may not be the case if you are running a high-speed, thin-wall product—the problem may be simply not enough clamp force. To help establish whether flash stems from a mold or clamp alignment issue, check parting-line mating. In one typical check for uniform clamp pressure at the parting line, blueing agent applied to one mold half will transfer to the other if there is contact at the parting line, but it will not distinguish between low or high touch force. More detailed information can be obtained with Mold-Align® paper, which changes color relative to the amount of contact force. Mold-Align® is an extremely economical and practical solution for determining proper mold alignment. Mold-Align® is a self contained (single sheet) paper that is quickly implemented, requires no training, and reveals a high resolution image of pressure distribution and void spots between mold plates.

MOULD CLAMPING

POWER SLIDING CLAMP



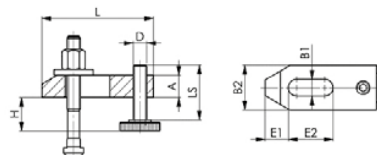
Part No.	Thread Size	h-Min	h-Max	s	e1	d	sw	L	e	b	c	f	K	"Clamping force Kgf
SC-20-16	M12	0	60	15-83	113	M18	10	128	38	48	16	28	22	2000
SC-25-16	M16	0	60	15-83	113	M18	10	128	38	48	16	28	26	2000
SC-25-18	M18	0	62	18-96	125	M20	12	140	42	55	18	32	30	2500
SC-25-20	M20	0	62	18-96	125	M20	12	140	42	55	18	32	30	2500
SC-30-20	M20	20	80	22-95	175	M24	12	178	55	74	24	45	34	5500
SC-30-22	M22	20	80	22-95	175	M24	12	178	55	74	24	45	38	5500
SC-30-24	M24	20	80	22-95	175	M24	12	178	55	74	24	45	44	5500
SC-30-30	M30	20	80	22-95	175	M24	12	178	55	74	24	45	55	5500

Description:

- Perfect for Injection Mould Clamping
- Usings in thread perforated plates or T-slots
- Ability to be fixed in various positions by sliding on the slide
- It clamps high and low distances without support with the inbus bolt
- It provides rapid and easy connection due to it's practical structure

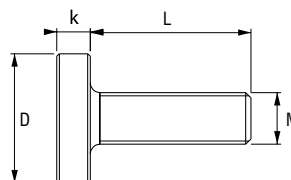


STRAIGHT CLAMP WITH SUPPORT HOLE - SUPPLIED WITHOUT ADJUSTING SCREW



Part No.	Nut	DIN6314 B1xL	D	A	B2	E1	E2
1330-11x80	10	11x80	M10	15	30	15	30
1330-14x100	12+14	14x100	M12	20	40	21	40
1330-14x125	12+14	14x125	M12	20	40	21	50
1330-18x125	16+18	18x125	M16	25	50	26	45
1330-18x160	16+18	18x160	M16	25	50	26	65
1330-22x160	20+22	22x160	M20	30	60	30	60
1330-22x200	20+22	22x200	M20	30	60	30	80
1330-26x160	24+26	26x160	M24	30	70	35	60
1330-26x200	24+26	26x200	M24	35	70	35	80
1330-26x250	24+26	26x250	M24	35	70	35	100
1330-26x315	24+26	26x315	M24	40	70	35	130
1330-33x315	30+33	33x315	M24	50	80	45	130
1330-43x400	36+43	43x400	M30	60	100	100	150

ADJUSTING SCREW



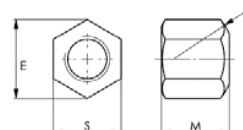
Part No.	M	L	D	K
1490-10x42	M10	42	30	8
1490-12x50	M12	50	36	10
1490-12x95	M12	95	36	10
1490-16x62	M16	62	45	13
1490-16x97	M16	97	45	13
1490-16x117	M16	117	45	13
1490-20x62	M20	62	50	13
1490-20x97	M20	97	50	13
1490-20x117	M20	117	50	13
1490-24x81	M24	81	50	14
1490-24x116	M24	116	50	14
1490-30x180	M30	180	70	24

Description:

Material: Ck45 DIN
Black Coating

MOULD CLAMPING

HEXAGON NUT



Part No.	Size	E	M	R	S
6330B-6	M6	11,5	9	9	10
6330B-8	M8	15	12	12	13
6330B-10	M10	19,6	15	15	17
6330B-12	M12	21,9	18	17	19
6330B-14	M14	25,4	21	20	22
6330B-16	M16	27,7	24	22	24
6330B-18	M18	31,2	27	24	27
6330B-20	M20	34,6	30	27	30
6330B-22	M22	36,9	33	30	32
6330B-24	M24	41,5	36	32	36
6330B-30	M30	53,1	45	41	46
6330B-36	M36	63,5	54	50	55

Description:

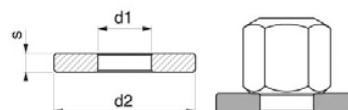
Hexagon Nut DIN 6330B

Material: Ck45 DIN

Hardness: 30-32 HRC

Black Coating

THICK WASHER

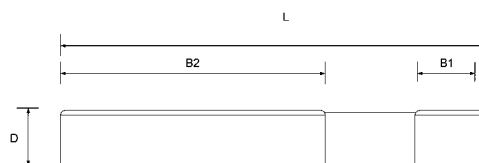


Part No.	d1	Thread to fit	d2	s
KP-M6	6,4	M6	17	3
KP-M8	8,4	M8	23	4
KP-M10	10,5	M10	28	4
KP-M12	13	M12	35	5
KP-M14	15	M14	40	5
KP-M16	17	M16	45	6
KP-M18	19	M18	50	6
KP-M20	21	M20	50	6
KP-M22	23	M22	50	8
KP-M24	25	M24	60	8
KP-M30	31	M30	68	10

Description:

Ideal for Mould Clamping

STRAIGHT STUD



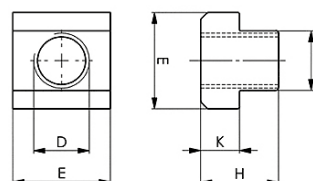
Part No.	D x L	B1	B2
6379-8x40	M 8x 40	11	20
6379-8x63	M 8x 63	11	40
6379-8x80	M 8x 80	11	50
6379-8x100	M 8x100	11	63
6379-8x125	M 8x125	11	75
6379-8x160	M 8x160	11	100
6379-10x50	M10x 50	13	25
6379-10x80	M10x 80	13	50
6379-10x100	M10x100	13	75
6379-10x125	M10x125	13	75
6379-10x160	M10x160	13	100
6379-10x200	M10x200	13	125
6379-12x50	M12x 50	15	25
6379-12x63	M12x 63	15	32
6379-12x80	M12x 80	15	50
6379-12x100	M12x100	15	63
6379-12x125	M12x125	15	75
6379-12x160	M12x160	15	100
6379-12x200	M12x200	15	125
6379-14x63	M14x 63	17	32
6379-14x80	M14x80	17	50
6379-14x100	M14x100	17	63
6379-14x125	M14x125	17	75
6379-14x160	M14x160	17	100
6379-14x200	M14x200	17	125
6379-14x250	M14x250	17	160
6379-16x63	M16x 63	19	32
6379-16x80	M16x 80	19	50
6379-16x100	M16x100	19	63
6379-16x125	M16x125	19	75
6379-16x160	M16x160	19	100
6379-16x200	M16x200	19	125
6379-16x250	M16x250	19	160
6379-16x315	M16x315	19	180
6379-16x500	M16x500	19	315
6379-18x80	M18x 80	23	50
6379-18x125	M18x125	23	75
6379-18x160	M18x160	23	100
6379-18x200	M18x200	23	125
6379-18x250	M18x250	23	150

Part No.	D x L	B1	B2
6379-18x315	M18x315	23	180
6379-20x80	M20x 80	27	32
6379-20x125	M20x125	27	70
6379-20x160	M20x160	27	100
6379-20x200	M20x200	27	125
6379-20x250	M20x250	27	160
6379-20x315	M20x315	27	200
6379-20x400	M20x400	27	250
6379-20x500	M20x500	27	315
6379-22x100	M22x100	31	45
6379-22x160	M22x160	31	100
6379-22x200	M22x200	31	125
6379-22x250	M22x250	31	160
6379-22x315	M22x315	31	180
6379-22x400	M22x400	31	250
6379-24x100	M24x100	35	45
6379-24x125	M24x125	35	70
6379-24x160	M24x160	35	100
6379-24x200	M24x200	35	125
6379-24x250	M24x250	35	160
6379-24x315	M24x315	35	200
6379-24x400	M24x400	35	250
6379-24x500	M24x500	35	315
6379-24x630	M24x630	35	315
6379-30x125	M30x125	43	56
6379-30x200	M30x200	43	125
6379-30x315	M30x315	43	200
6379-30x500	M30x500	43	315
6379-30x700	M30x700	43	400
6379-30x1000	M30x1000	43	400
6379-36x160	M36x160	51	80
6379-36x200	M36x200	51	125
6379-36x250	M36x250	51	160
6379-36x315	M36x315	51	200
6379-36x400	M36x400	51	250
6379-36x500	M36x500	51	315
6379-36x700	M36x700	51	400
6379-42x315	M42x315	59	200
6379-42x400	M42x400	59	250
6379-42x500	M42x500	59	315

Description:
Material: 41 Cr 4 DIN
Quality 10.9
Black Coating

MOULD CLAMPING

T-NUT



Part No.	D x Nut	A	E	H	K
508-6x8	M 6x 8	7,7	13	10	6
508-8x10	M 8x10	9,7	15	12	6
508-8x12	M 8x12	11,7	18	14	7
508-10x12	M10x12	11,7	18	14	7
508-8x14	M 8x14	13,7	22	16	8
508-10x14	M10x14	13,7	22	16	8
508-12x14	M12x14	13,7	22	16	8
508-8x16	M 8x16	15,7	25	18	9
508-10x16	M10x16	15,7	25	18	9
508-12x16	M12x16	15,7	25	18	9
508-14x16	M14x16	15,7	25	18	9
508-8x18	M 8x18	17,7	28	20	10
508-10x18	M10x18	17,7	28	20	10
508-12x18	M12x18	17,7	28	20	10
508-14x18	M14x18	17,7	28	20	10
508-16x18	M16x18	17,7	28	20	10
508-16x20	M16x20	19,7	32	24	12
508-18x20	M18x20	19,7	32	24	12
508-16x22	M16x22	21,7	35	28	14
508-18x22	M18x22	21,7	35	28	14
508-20x22	M20x22	21,7	35	28	14
508-16x24	M16x24	23,7	40	32	16
508-20x24	M20x24	23,7	40	32	16
508-22x24	M22x24	23,7	40	32	16
508-16x28	M16x28	27,7	44	36	18
508-20x28	M20x28	27,7	44	36	18
508-22x28	M22x28	27,7	44	36	18
508-24x28	M24x28	27,7	44	36	18
508-24x36	M24x36	35,6	54	44	22
508-30x36	M30x36	35,6	54	44	22

Description:

T-Clamp DIN 508

Material: Ck45 DIN

Hardness: 30-32 HRC

Black Coating

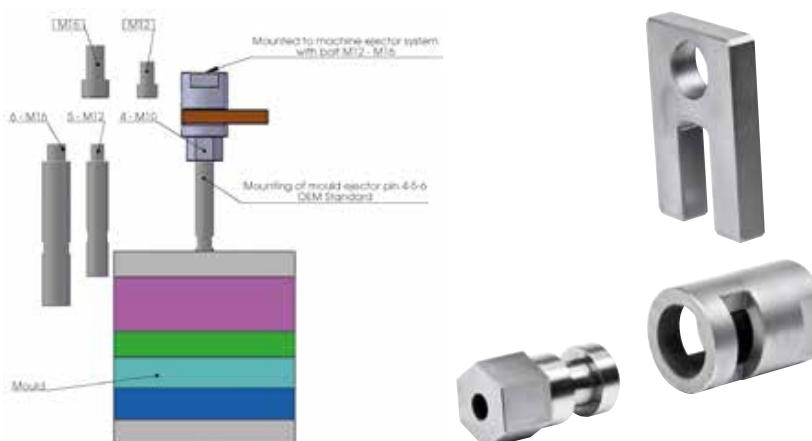
Description:

The UKM is a mechanical ejector coupling for plastic injection moulding machines. Its function is to lock the ejector bars of the injection moulding tool.

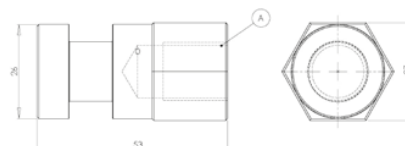
- The coupling process "locking or unlocking" takes place in only seconds.
- Simple construction - easy to install
- Available with M10 – M12 and M16 thread.

Material:

Steel Type: 1.2510

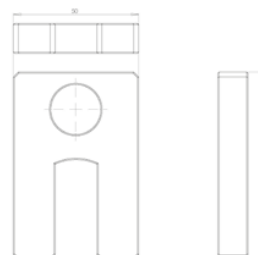


CONNECTOR NIPPLE



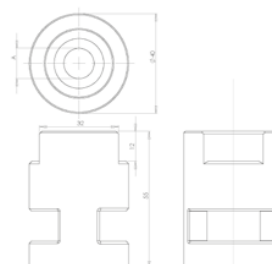
Part No.	A
UKM10HAN	M10
UKM12HAN	M12
UKM16HAN	M16

LOCKING SLIDE



Part No.	SIZE
UKKILE	ONE SIZE

COUPLING



Part No.	A
UKM12HUN	12
UKM16HUN	16

PNEUMATIC EJECTOR COUPLING

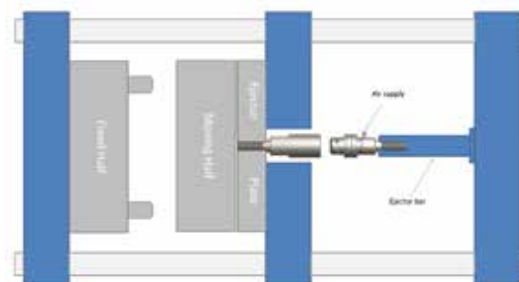


Speed up mould changes with the MPE Quick Connect Ejector Coupling that is designed to connect the mould ejector plate to the machine ejection system.

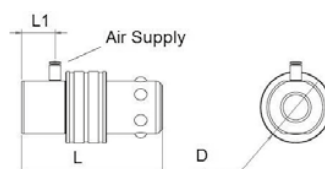
The coupling is available in two different sizes to suit the machine size and maybe adapted to a variety of ejector bar threads.

Depending on access inside the moulding machine the coupling may be operated manually or remotely by using compressed air. The coupling is released using air and will stay connected in the event of air failure.

- Reduced Mould Changeover Time
- Safe to Use
- Quick and Efficient
- No tools required



COUPLING UNIT



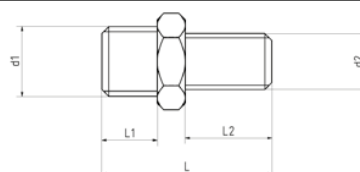
Part No.	Series	L1	L	D	Air Supply Thread	Female Thread	Ejector Force per coupler
MPE-C-1	1"	18	58	27	M5	M12	1500 kg
MPE-C-2	2"	23	97	49	M5	M20	6000 kg

SOCKET UNIT



Part No.	Series	L	D	Female Thread	Ejector Force per coupler
MPE-S-1	1"	58	27	M12	1500 kg
MPE-S-2	2"	108	49	M20	6000 kg

ADAPTER



Part No.	Series	d1	d2	L1	L2	L	SW
MPE-A-1-A	1"	M12x1,75	M12x1,75	10	20	35	19
MPE-A-1-B	1"	M12x1,75	3/8"-16	10	20	35	19
MPE-A-1-C	1"	M12x1,75	M16x2	10	20	35	19
MPE-A-2-B	2"	M20x2,5	M16x2	16	25	49	24
MPE-A-2-D	2"	M20x2,5	3/4"-10	16	25	49	24
MPE-A-2-E	2"	M20x2,5	M24x2,5	16	25	49	24

STANDARD MACHINE MOUNTS - SUPPLIED WITH ADJUSTING SCREWS



Part No.	Diameter	Load (kg)	Adjusting Screw	Height
SMM01	80mm	200 kg	M12x1.25x120	38-50mm
SMM02	120mm	400 kg	M16x1.5x120	46-59mm
SMM03	160mm	1000 kg	M20x1.5x170	53-68mm
SMM04	160mm	2500 kg	M20x1.5x170	54-69mm
SMM05	200mm	3800 kg	M20x1.5x170	56-71mm

Description:

Up to 15 mm. Of Adjustment
Galvanised Steel Finish
Supplied Complete with Adjusting Screw

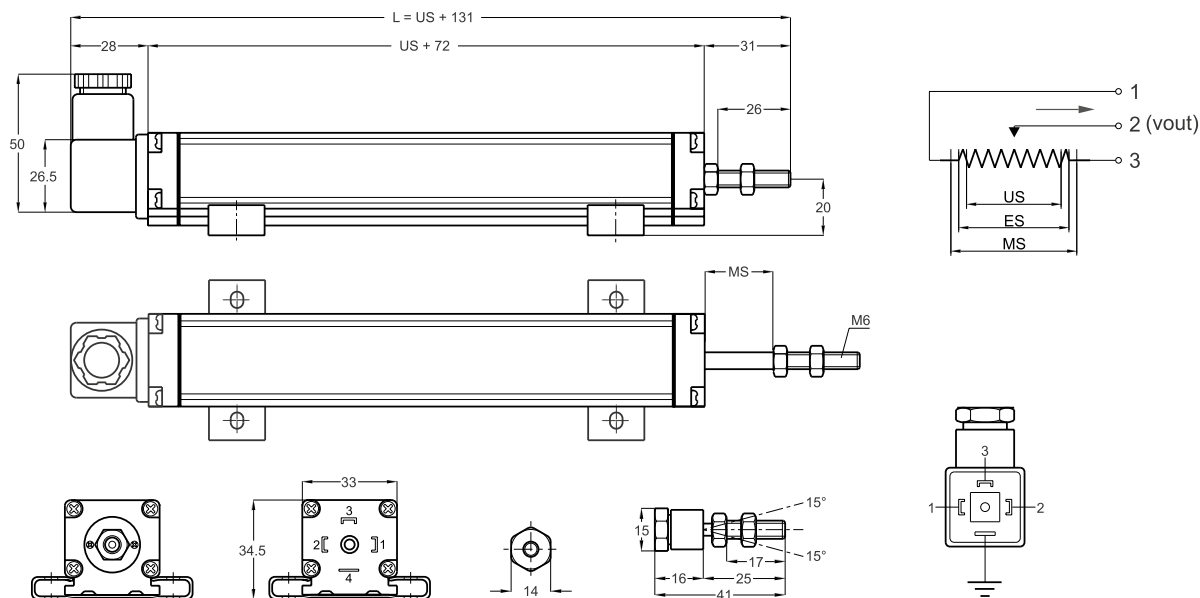
LINEAR TRANSDUCERS

TRANSDUCER WITH ROD



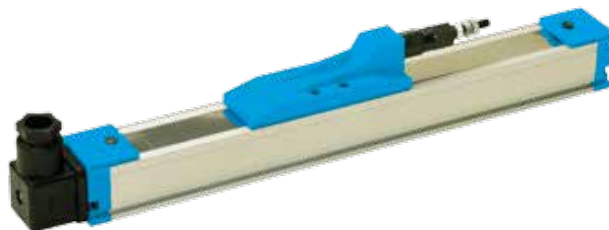
Technical data

Measurement Stroke	30 to 1250 mm
Linearity	$\pm 0,05$
Repeatability	$< 0,01$ mm
Resolution	Infinite
Resistance	5 kOhm or 10 kOhm
Resistance Tolerance	± 20
Load Resistance	100 kOhm min.
Recommended Cursor Current	$< 1 \mu A$
Permissible Applied Voltage	28VDC max.
Electrical Connections	4 pole hydraulic type connector
Displacement Speed	< 5 m/s
Mechanical Life	100 million cycles
Case Dimensions	33 mm x 33 mm
Case Material	Anodized aluminium
Rod Material	Stainless Steel
Rod Diameter	$\varnothing 6$ mm
Mechanical Fixing	Variable brackets
IP Degree	IP 65
Operating Temperature	$-20^{\circ}C \dots +80^{\circ}C$
Storage Temperature	$-30^{\circ}C \dots +90^{\circ}C$



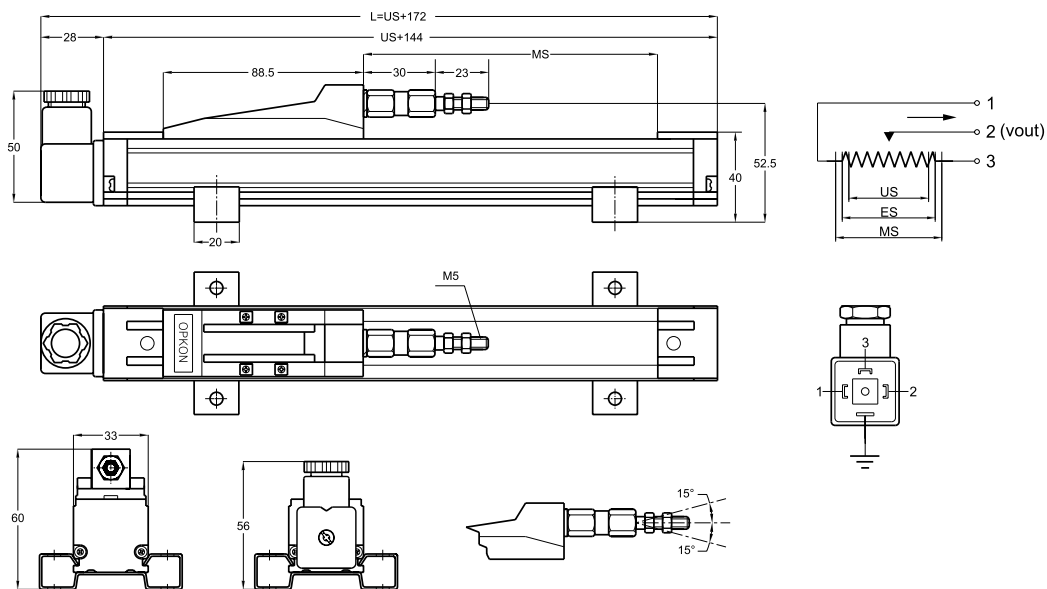
Part No.	US (usefull stroke)	MS (Mechanical stroke)	L (total length)
MPT100	100	103	231
MPT150	150	153	281
MPT175	175	178	306
MPT200	200	203	331
MPT300	300	303	431
MPT400	400	403	531
MPT500	500	503	631

TRANSDUCER WITHOUT ROD



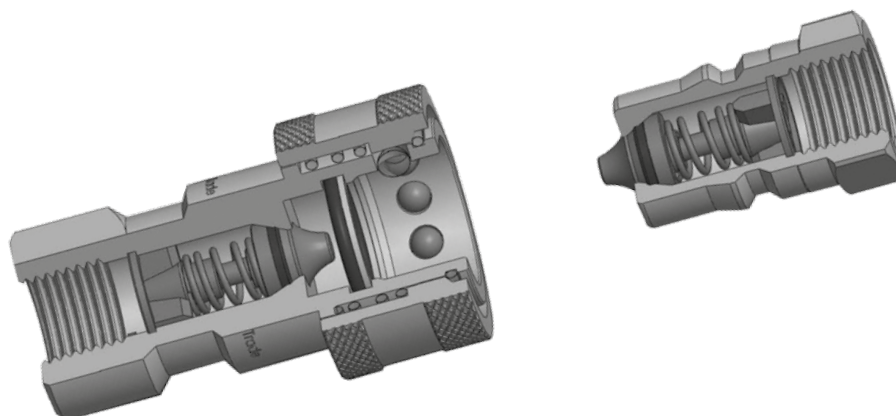
Technical data

Measurement Stroke	100 to 1500 mm
Linearity	$\pm 0,05$
Repeatability	$< 0,01$ mm
Resolution	Infinite
Resistance	5 kOhm or 10 kOhm (20kOhm/1500 mm)
Resistance Tolerance	± 20
Load Resistance	100 kOhm min.
Recommended Cursor Current	$< 1 \mu A$
Permissible Applied Voltage	28VDC max.
Electrical Connections	4 pole hydraulic type connector
Displacement Speed	$< 1,5$ m/s
Mechanical Life	100 million cycles
Case Dimensions	33 mm x 33 mm
Case Material	Anodized aluminium
Mechanical Fixing	Variable brackets
IP Degree	IP 40 /If mounted upside down IP 53
Operating Temperature	$-20^{\circ}C \dots +80^{\circ}C$
Storage Temperature	$-30^{\circ}C \dots +90^{\circ}C$



Part No.	US (usefull stroke)	MS (Mechanical stroke)	L (total length)
MPH150	150	154	322
MPH200	200	204	372
MPH225	225	229	397
MPH300	300	304	472
MPH400	400	404	572
MPH500	500	504	672

HYDRAULIC ISO COUPLERS



ISO A COUPLERS



Part No.	Thread size	Pressure Bar
FISO-A14BSP	1/4 BSP	350
FISO-A38BSP	3/8 BSP	300
FISO-A12BSP	1/2 BSP	250
FISO-A34BSP	3/4 BSP	250
FISO-A100BSP	1 BSP	230

Material:
Steel (plated)

ISO A PLUGS



Part No.	Thread size	Pressure Bar
MISO-A14BSP	1/4 BSP	350
MISO-A38BSP	3/8 BSP	300
MISO-A12BSP	1/2 BSP	250
MISO-A34BSP	3/4 BSP	250
MISO-A100BSP	1 BSP	230

ISO B COUPLERS



Part No.	Thread size	Pressure Bar
FISO-B14BSP	1/4 BSP	350
FISO-B38BSP	3/8 BSP	300
FISO-B12BSP	1/2 BSP	250

Material:
Steel (plated)

ISO B PLUGS



Part No.	Thread size	Pressure Bar
MISO-B14BSP	1/4 BSP	350
MISO-B38BSP	3/8 BSP	300
MISO-B12BSP	1/2 BSP	250

09.

LIFTING

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09.1 EYEBOLTS & SHACKLES



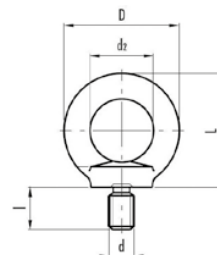
167

09.2 ROUND SLINGS



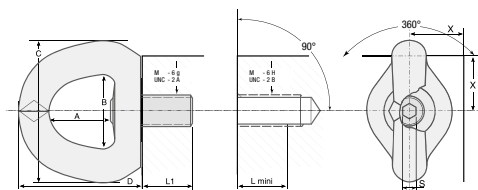
EYEBOLTS/SWIVEL EYEBOLTS

LIFTING EYEBOLTS - ZINC ELECTROPLATED DIN 580



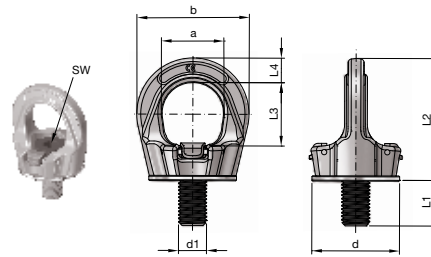
Part No.	d	l	D	d2	L	WLL
EBGM8	M8	13	36	20	36	140kg
EBGM10	M10	17	45	25	45	230kg
EBGM12	M12	20	54	30	53	340kg
EBGM16	M16	27	63	35	62	700kg
EBGM20	M20	30	72	40	71	1200kg
EBGM24	M24	36	90	50	90	1800kg
EBGM30	M30	45	108	60	109	3600kg
EBGM36	M36	54	126	70	128	5100kg
EBGM42	M42	63	144	80	147	7000kg
EBGM48	M48	68	160	90	168	8600kg
EBGM56	M56	78	184	110	187	11500kg

SWIVEL EYEBOLTS



Part	WLL (Ton)	Safety factor	Diameter	L1	N.m	X	S	A	B	C	D	Weight kg.
SEBM8	0,3	5	M8(x1,25)	14	6	20	4	30	34	60	57	0,24
SEBM10	0,6	5	M10(x1,5)	17	10	20	4	30	34	60	57	0,24
SEBM12	1	5	M12(x1,75)	21	15	20	4	30	34	60	57	0,24
SEBM16	1,6	5	M16(x2)	27	50	35	8	38	45	90	78	0,8
SEBM20	2,5	5	M20(x2,5)	30	100	35	8	38	45	90	78	0,8
SEBM24	4	5	M24(x3)	36	160	50	14	58	70	134	115	2,6
SEBM30	6,3	5	M30(x3,5)	45	250	50	14	58	70	134	115	2,7
SEBM36	10	5	M36(x4)	54	320	70	14	88	94	190	166	8
SEBM42	12,5	5	M42(x4,5)	63	400	70	14	88	94	190	166	8,1
SEBM48	15	4	M48(x5)	68	600	70	19	88	94	190	166	9

RING BOLTS - ROTATABLE



Part No.	d1	Load capacity	a	b	d	L1	L2	L3	L4	SW	kg
RBRM8	M8	300	25	45	35	15	53	27	10	6	0,17
RBRM10	M10	500	25	45	35	15	53	27	10	6	0,18
RBRM12	M12	700	30	55	43	20	63	32	12	8	0,29
RBRM16	M16	1500	35	64	50	25	70	36	14	10	0,45
RBRM20	M20	2000	40	69	54	30	78	41	16	12	0,58
RBRM24	M24	3000	50	86	69	35	97	50	18	14	1,10
RBRM30	M30	4000	60	110	90	45	114	60	25	17	2,20
RBRM36	M36	7000	70	132	108	55	136	70	31	19	3,90
RBRM42	M42	9000	80	152	126	65	153	76	36	22	5,80
RBRM48	M48	12000	95	179	148	75	179	95	42	24	8,90

Safety ring bolts, rotatable

Mounting and safety notices

Tool-free assembly and disassembly

The latch in pos.1 does not have any contact with the screw (picture 1)

The latch in pos. 2 has contact with the screw (picture 2)

Permissible usage

Load capacity acc. to the inspection certificate table of WLL in the shown directions of pull (picture 3).

- Adjust the lifting point in the permitted load direction before loading.
- For a durable fastening going up with a specified tightness.
- Loadable with a 4-fold safety under break in all directions.

Non permissible usage

Make sure when choosing the assembly that improper loading can not arise e.g. if:

- The direction of pull is obstructed.
- Direction of pull is not in the foreseen area (picture 4).
- Loading ring rests against edges or loads.



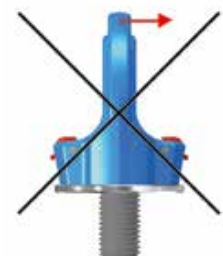
Picture 1



Picture 2



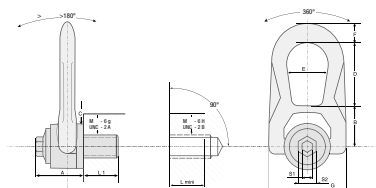
Picture 3



Picture 4

SHACKLES

DOUBLE SWIVEL RING



Part No.	WLL	Safety factor	Diameter	Ø	P	L1	N.m	S1	S2	A	B	C	D	E	F	G	Weight
DSR M 4*	0,05 TO	5	M4 (x0,7)			15	2	3		33	30	30	38	27	14	53	0,3 kg
DSR M 5*	0,075 TO	5	M5 (x0,8)			15	3	4		33	30	30	38	27	14	53	0,3 kg
DSR M 6*	0,1 TO	5	M6 (x1)			15	4	5		33	30	30	38	27	14	53	0,3 kg
DSR M 8	0,3 TO	5	M8 (x1,25)			14	6	8	16	33	30	30	38	27	14	53	0,3 kg
DSR M 10	0,6 TO	5	M10 (x1,50)			17	10	8	16	33	30	30	38	27	14	53	0,3 kg
DSR M 12	1 TO	5	M12 (x1,75)			21	15	8	16	33	30	30	38	27	14	53	0,3 kg
DSR M 14*	1,3 TO	5	M14 (x2)			23	30	8	20	45	42	45	54	38	17	76	0,9 kg
DSR M 16	1,6 TO	5	M16 (x2)			27	50	8	20	45	42	45	54	38	17	76	0,9 kg
DSR M 18*	2 TO	5	M18 (x2,5)			27	70	8	20	45	42	45	54	38	17	76	0,9 kg
DSR M 20	2,5 TO	5	M20 (x2,5)			30	100	8	20	45	42	45	54	38	17	76	0,9 kg
DSR M 22*	3 TO	5	M22 (x2,5)			33	120	14	24	62	55	60	83	55	25	117	2,6 kg
DSR M 24	4 TO	5	M24 (x3)			36	160	14	24	62	55	60	83	55	25	117	2,6 kg
DSR M 27*	5 TO	5	M27 (x3)			40	200	14	24	62	55	60	83	55	25	117	2,7 kg
DSR M 30	6,3 TO	5	M30 (x3,5)			45	250	14	24	62	55	60	83	55	25	117	2,7 kg

Description:

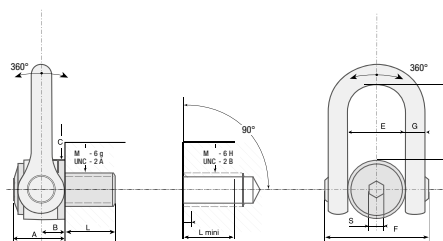
Double Swivel Ring. Double articulation allows it to line up perfectly with the sling

Two ways of tightening: either by open-ended spanner or by Allen key

From M4 to M30 as standard; from 0,05t to 6,3t.

* Special thread – surcharge apply

DOUBLE SWIVEL SHACKLE



Part No.	WLL	Safety factor	Diameter	L1	N.m	S	A	B	C	D	E	F	G	Weight
DSS M 30	7,3 TO	5	M30 (x3,5)	45	250	19	61	31	70	104	73	145	29	5,5 kg
DSS M 33*	8 TO	5	M33 (x3,5)	50	250	19	61	31	70	104	73	145	29	5,5 kg
DSS M 36	10 TO	5	M36 (x4)	54	320	19	61	31	70	104	73	145	29	5,5 kg
DSS M 36x3*	10 TO	5	M36 (x4)	54	320	19	61	31	70	104	73	145	29	5,5 kg
DSS M 39*	10 TO	5	M39 (x4)	58	320	19	61	31	70	104	73	145	29	5,7 kg
DSS M 42	12,5 TO	5	M42 (x4,5)	63	400	19	61	31	70	104	73	145	29	5,8 kg
DSS M 42x3*	12,5 TO	5	M42 (x3)	63	400	19	61	31	70	104	73	145	29	5,8 kg
DSS M 45*	15 TO	4	M45 (x4,5)	63	400	19	61	31	70	104	73	145	29	5,7 kg
DSS M 48	20 TO	4	M48 (x5)	68	600	19	79	38	90	125	91	184	33	11 kg
DSS M 48x3*	20 TO	4	M48 (x3)	68	600	19	79	38	90	125	91	184	33	11 kg
DSS M 48x4*	20 TO	4	M48 (x4)	68	600	19	79	38	90	125	91	184	33	11 kg
DSS M 52*	20 TO	4	M52 (x5)	68	600	19	79	38	90	125	91	184	33	11,2 kg
DSS M 56	25 TO	4	M56 (x5,5)	78	600	19	79	38	90	125	91	184	33	11,3 kg
DSS M 56x4*	25 TO	4	M56 (x4)	78	600	19	79	38	90	125	91	184	33	11,4 kg
DSS M 64	32,1 TO	4	M64 (x6)	90	600	19	79	38	95	125	91	184	33	12,2 kg
DSS M 64x4*	32,1 TO	4	M64 (x4)	90	600	19	79	38	95	125	91	184	33	12,2 kg

Description:

Double Swivel Shackle

Double articulation allows it to line up perfectly with the sling.

From M30 to M64 as standard; for loads from 7,3t. to 32,1 t.

* Special thread – surcharge apply

ALLOY STEEL BOW SHACKLES - GALVANISED



Part No.	Size	WLL
ASBSG11	11mm	1000kg
ASBSG13	13mm	1500kg
ASBSG16	16mm	2000kg
ASBSG19	19mm	3250kg
ASBSG22	22mm	4750kg
ASBSG25	25mm	6500kg
ASBSG28	28mm	8500kg
ASBSG32	32mm	9500kg
ASBSG35	35mm	12000kg
ASBSG38	38mm	13500kg
ASBSG42	42mm	17000kg
ASBSG50	50mm	25000kg

ROUND SLINGS



Colour		Violet	Green	Yellow	Grey	Red
WLL (kgs)		1000	2000	3000	4000	5000
Width		40mm	50mm	60mm	70mm	75mm
EWL (m)	CIRC (m)					
0.5m	1m	R0101	R0102	R0103	R0104	R0105
1m	2m	R0201	R0202	R0203	R0204	R0205
1.5m	3m	R0301	R0302	R0303	R0304	R0305
2m	4m	R0401	R0402	R0403	R0404	R0405
2.5m	5m	R0501	R0502	R0503	R0504	R0505

Description:

- manufactured from 100% polyester fibre.
- according to EN 1492-2.
- indication of working load limits (WLL): by colour, number of stripes and printing on sling and label.