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W.E.D.M. TOOLING

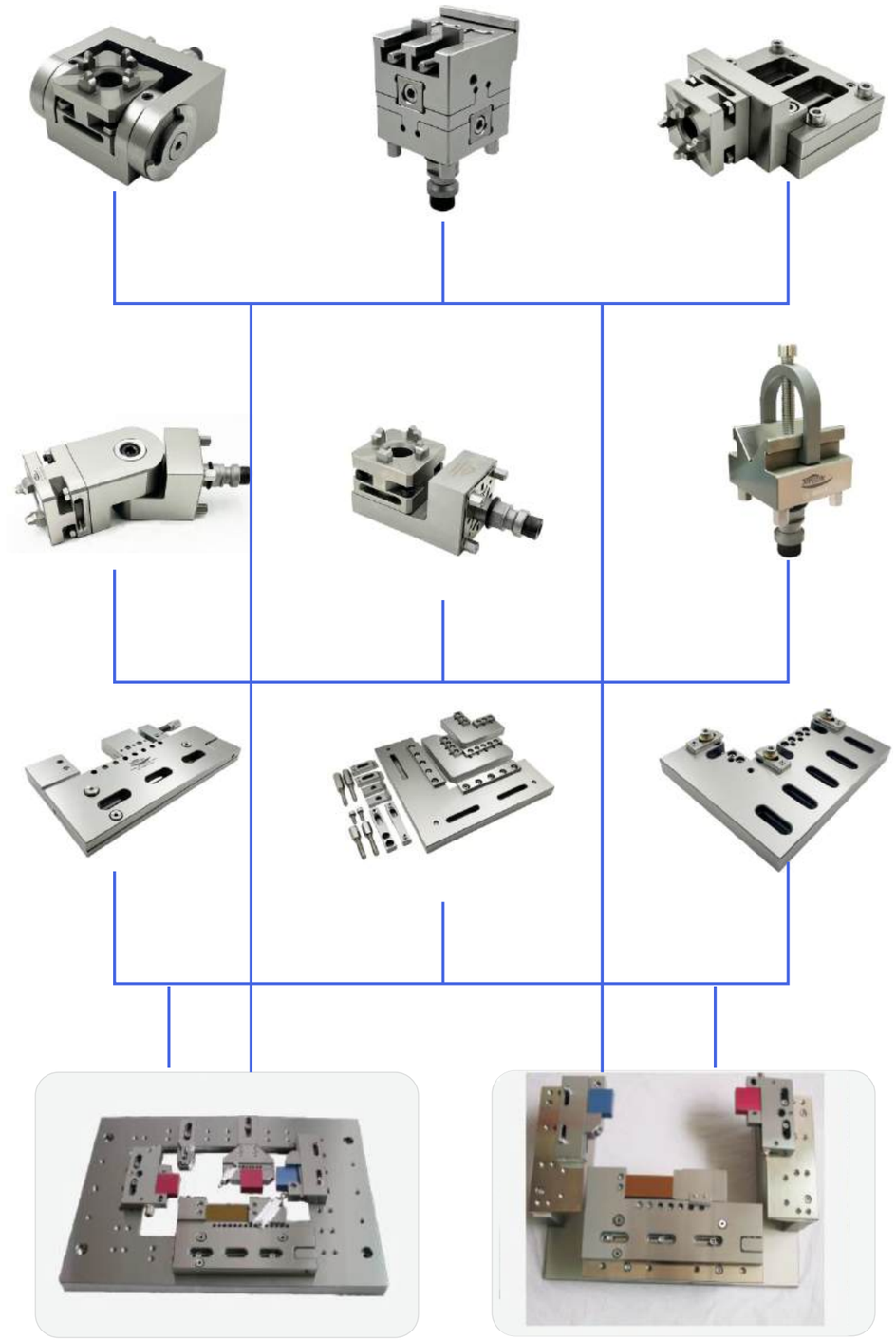
Ultimate Manufacturing Solutions

1-630-380-3348

www.ums-tooling.com

sales@ums-tooling.com
info@ums-tooling.com

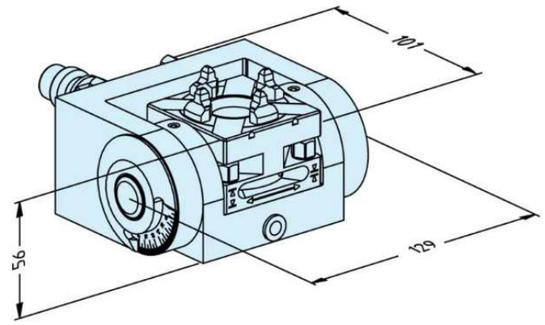
108 W. Schick Road #487
Bloomingdale, IL 60108



Angle clamping QckChuck 50
UMS-W06518

Version： Chuck 50, angle to be set with the vernier.
Application： WEDM or EDM.
To fit lateral sprues to casting tools.
Max. load 6 kg.
Max. workpiece size：100 x 100 x 100 mm.
Connections： Flushing connection on side.

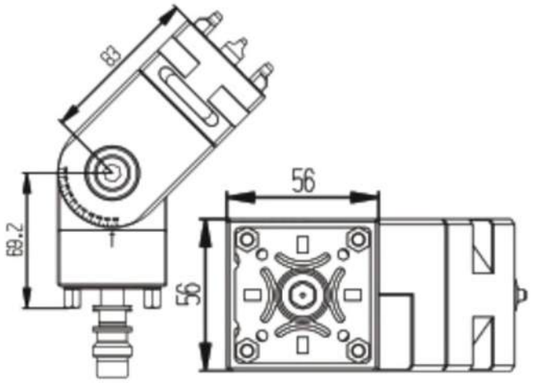




Angle rotate clamping Chuck 50
UMS-W06519

Version： Chuck 50, angle to be set with the vernier.
Application： WEDM or EDM.
To fit lateral sprues to casting tools.
Max. load 6 kg.
Max. workpiece size：100 x 100 x 100 mm.
Connections： Flushing connection on side.

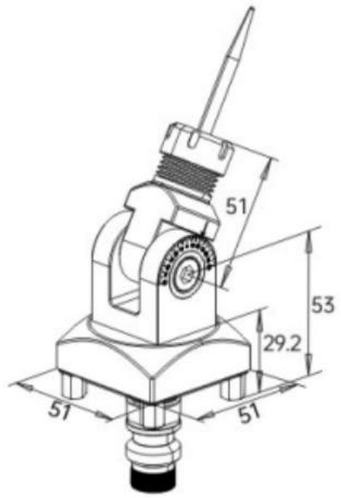




Small EDM water inlet fixture
UMS-E06939

Version: 51*51*104mm，ER20 interface，Adjustable angle 180 degrees
Material: Stainless steel
Accessory: Centering plate 50，spigot .
Repeatability：0.002mm
Application: EDM sinking

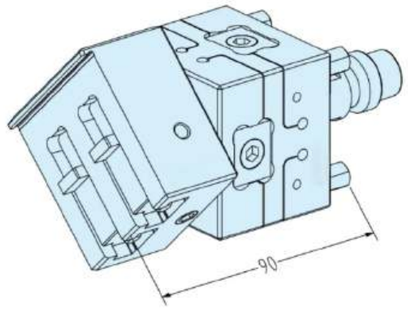




Rotatable pendulum vise 0 - 100
UMS-W06579

Clamping range：0–100 mm.
Max. extension: 40 mm with 100 mm part height.
Max. load: 5 kg.
Application: For adjustable workpiece positioning in three axes.
Continuously able to rotate around 360°.
Set with three pairs of clamping jaws.

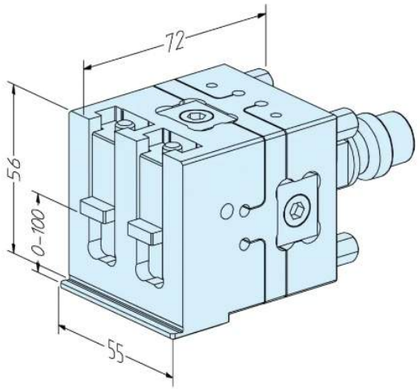




Pendulum vise 0 - 100
UMS-W06579B

Clamping range: From 0 to 100 mm.
Max. extension: 40 mm at 100 mm workpiece height. Max. load: 5 kg.
Application: Workpiece adjustable in two axes. Including three sets of clamping jaws.

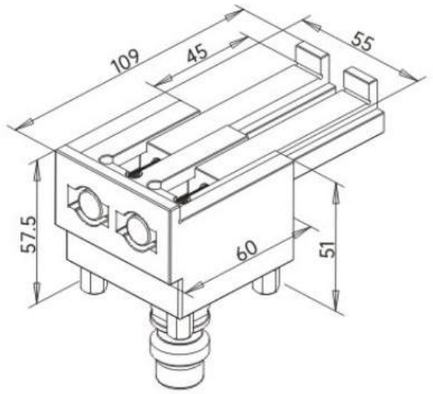




Precision vise
UMS-E06742

Clamping range： 0 to 100 mm.
Max. extension：40 mm at 100 mm workpiece height.
Max. load 5 kg.
Application： Workpiece fixed. Including three sets of clamping jaws.

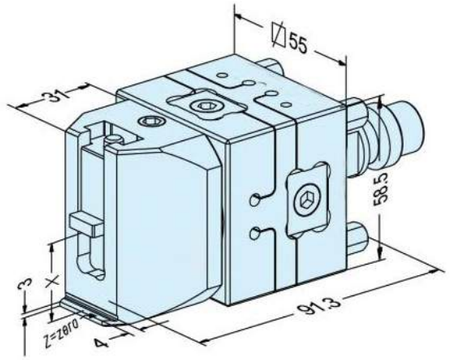




Vee Vise TP Unoset
UMS-E06731

Clamping range: 0–100 mm.
Max. extension: 40 mm with 100 mm part height.
Max. load: 5 kg.
Application : For adjustable workpiece positioning in three axes.
Continuously able to rotate around 360°.
Set with three clamping jaws.

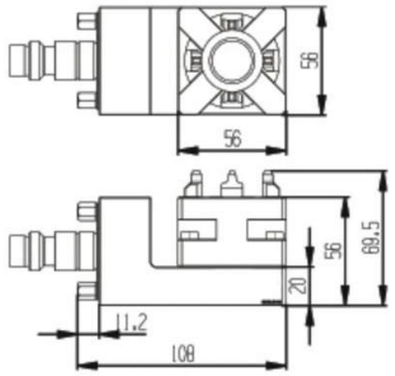




Extension arm unoset
UMS-W06580

Specification: with QuickChuck 50 is suitable for the accommodation of workpieces and electrodes that have to be machined in a vertical and in a horizontal position.
Clamp size: 80mm
Note：Indexable around 4x90°.
Max. load： 6 kg
Application: On WEDM or EDM machine.

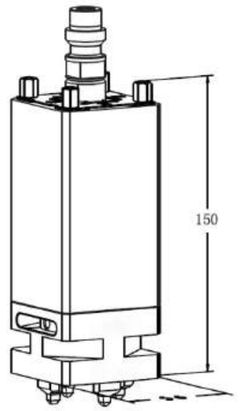




Extension quick chuck
UMS-W06581

Specification:56X56X150mm. with quick chuck 50
Application: On EDM or WEDM machine for extension machining
Note: Different lengths can be customized

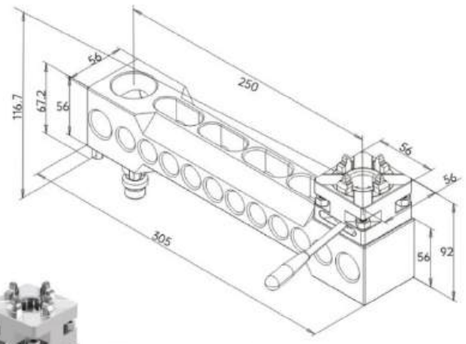




Extension quick chuck
UMS-W06581.C

Specification:305x56x116.7mm. with quick chuck 50
Application: On EDM or WEDM machine for Extended turning process
Note: Different lengths can be customized

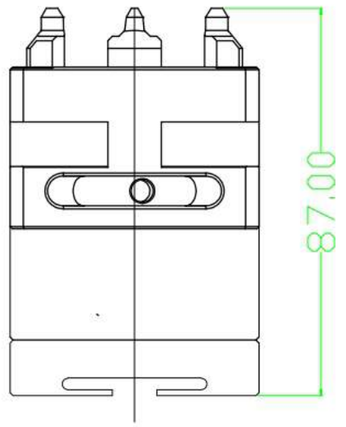




R type to ER manual chuck 50
UMS-E06717

Specification: 56x56x87mm. manual type
Application: On EDM or WEDM machine, From 3R to EROWA system

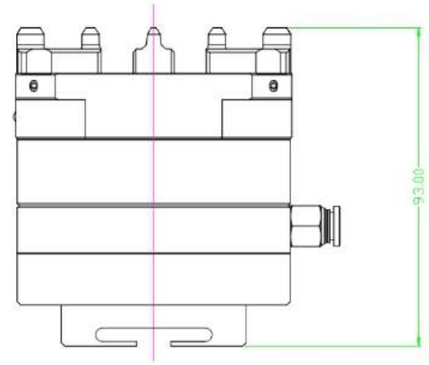




R type to ER pneumatic chuck D80
UMS-E06717C

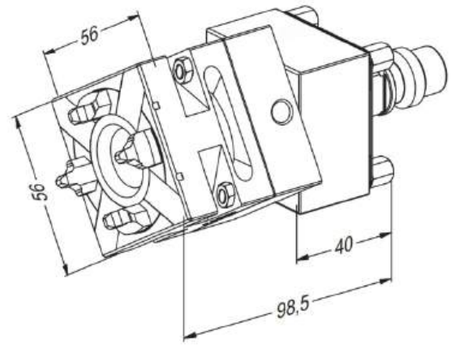
Specification: 80x80x93mm.pneumatic type
Application: On EDM or WEDM machine, From 3R to EROWA system





TurnFix 50
UMS-E06743

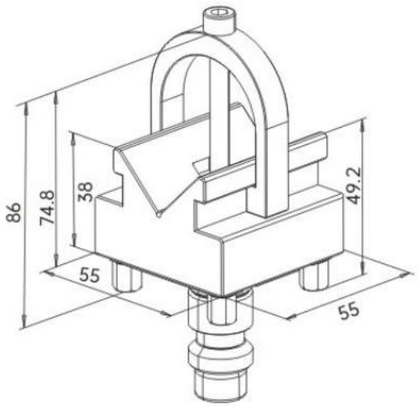
Version： Chuck 50, manual, with ITS base plate, continuously able to rotate round 360°.
Application： ITS base for the manual loading of ITS elements carrying workpieces that require angular positions.
Use On any ITS chuck of system size 50.



Wire cut clamp round holder
UMS-W06582

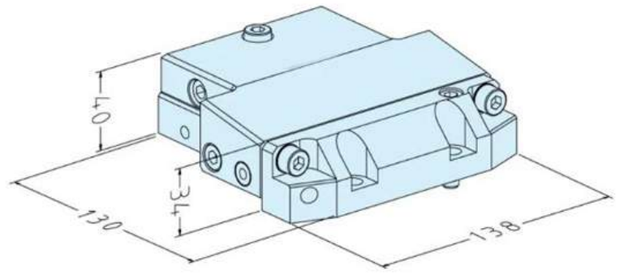
Clamping range: Parts up to ø 40 x H 150 mm.
Max. load: 1.5 kg.
Application: To clamp parts in prismatic slot. Parallel and angular precision 0.01 mm.





3D Pendulum holder 3D palletset w
UMS-E06726

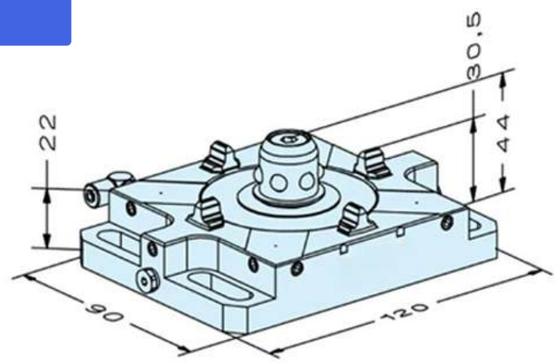
Version: Pendulum head for automatic and manual loading.
G-Centerning plates for increased durability.
Application: Basis for all the other clamping elements such as UniVise square, frame pallet, vise and beam pallet.
Note: Adjustable in the X-, Y- and Z-axes.
Slim Line Version 15 mm reduced in height for best access of lower wire guide





Flat chuck pneumatic palletset W
UMS-E06739

Version: Pneumatic chuck for a direct fit to the Z = 0 base of the WEDM center.
Application: On WEDM centers with manual or automatic workpiece loading.
Connections: On the side for opening, cleaning, reclamping

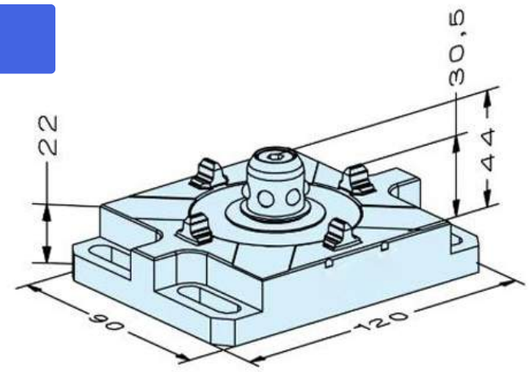




Flat Chuck manual
UMS-E06813

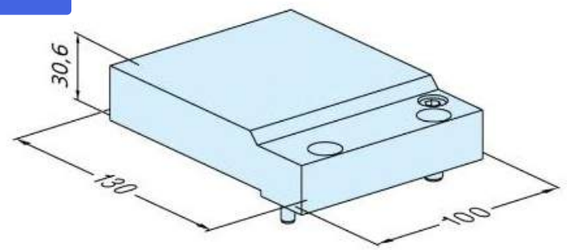
Version: Mechanical chuck for a direct fit to the Z = 1 base of the WEDM center.
Application: On WEDM centers with manual or automatic workpiece loading.
Connections: On the side for opening, cleaning, reclamping





Fix holder palletset w
UMS-E06727

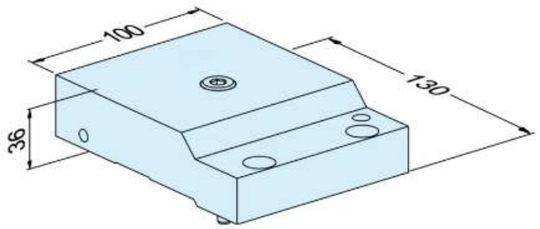
Version: Standard element for automatic and manual loading.
Application: Base for all other clamping elements such as UniVise square, frame plate, vise and beam pallet.
Note: Adjustable in the C-axis.





Basic WEDM fix holder Basic Tooling
UMS-E06727B

Version: Standard element for manual loading.
Application: For use on the Basic WEDM chuck.
As a basis for all other clamping elements like UniVise, square, vise and beam pallet.
Note: Adjustable in the C-axis.

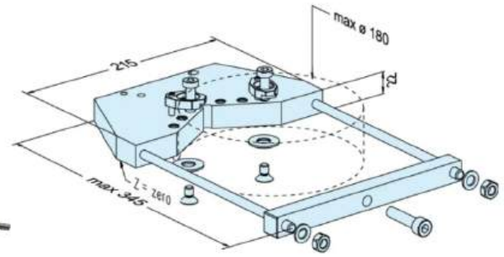




Prism holder D10-180mm palletset W
UMS-E06728

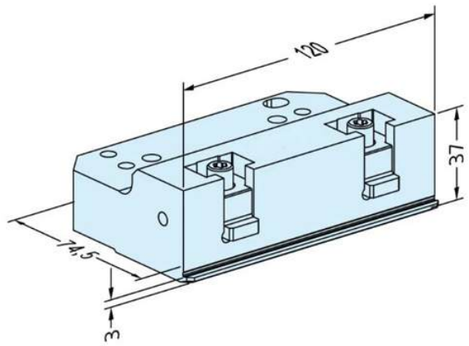
Version: Prism and clamping bars with detachable Z-supports.
Application: To clamp cylindrical workpieces of up to ø 180 mm.
Mounting: Directly to fix holder or pendulum holder.
Note: Max. load: 12 kg.





Vise PalletSet W 40mm
UMS-V06621

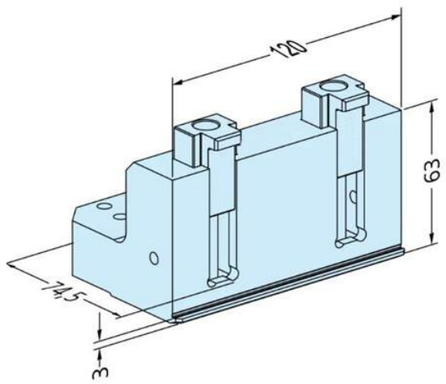
Version: Vise with fixed Z-lip and jaws attached from above.
Hardened and ground.
Clamping range: Max. 150 x 150 x 40 mm.
Max. load: 12 kg.
Application: Lateral clamping of workpieces of 0 -150 mm machined from the outside. To be fitted to fix holders or pendulum holders.



Vise Palletset W 100mm
UMS-E06733

Version: Vise with fixed Z-lip and jaws attached from above.
Hardened and ground.
Clamping range: Max. 150 x 150 x 100 mm.
Max. load: 12 kg.
Application: To clamp workpieces of up to 100 mm in height. To be fitted to fix holders or pendulum holders.

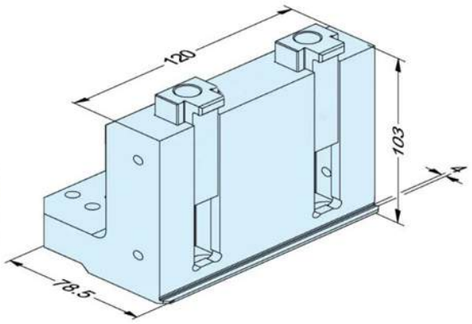




Vise Palletset W 140mm
UMS-E06729

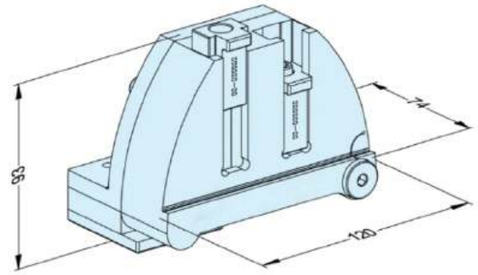
Version：Vise with fixed Z-lip and jaws attached from above.
Hardened and ground.
Clamping range: Max. 150 x 100 x 140 mm.
Max. load：12 kg.
Application：To clamp workpieces of up to 140 mm in height.
To be fitted to fix holders or pendulum holders.





Sine vise PalletSet W
UMS-E07077

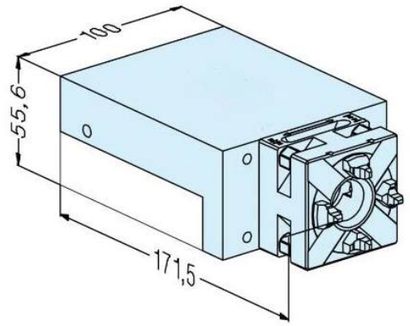
Version:Vise with adjustable angle position and jaws fitted from above. Hardened and ground.
Application:To clamp workpieces at angles adjustable between 0-90°. To fit to fix holders or pendulum holder.
Clamping range : Min. 10 mm / max. 75 mm
Max. load: 12 kg



Unoset adapter with RSM 50 Pallet set w
UMS-E06730

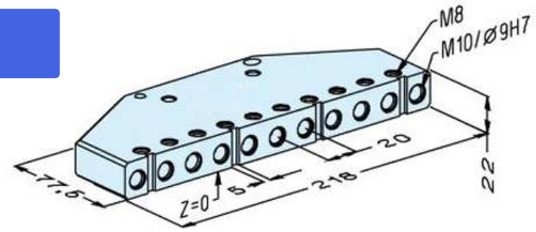
Version: System adapter of PalletSet W to UnoSet.
Application: Clamps workpieces of system size ITS 50 horizontally into the workspace.
Note: Fits all UnoSet and ITS 50 clamping elements.





Beam pallet palletset W
UMS-B06622

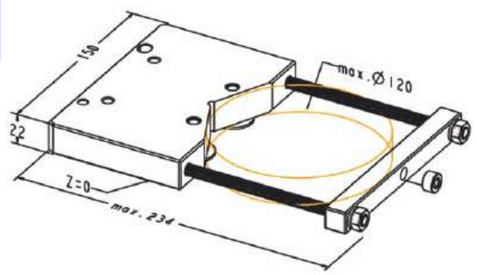
Version: Pallet to accommodate various clamping elements.
Includes： Z-supports and clips.
Application: To be fitted to fix holders or pendulum holders 3D.
Options: Prism holders and BeamVise clamping elements.





Prism holder 120mm palletset W
UMS-P06623

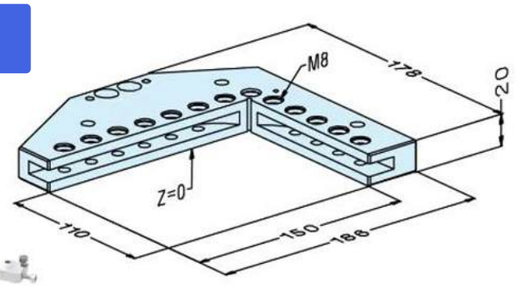
Version： Prism and clamping bars with detachable Z-supports.
Application： To clamp cylindrical workpieces of up to ø 120 mm.
Mounting directly to fix holder or pendulum holder.
Note： Max. load: 10 kg.





Univise square palletset W
UMS-U06624

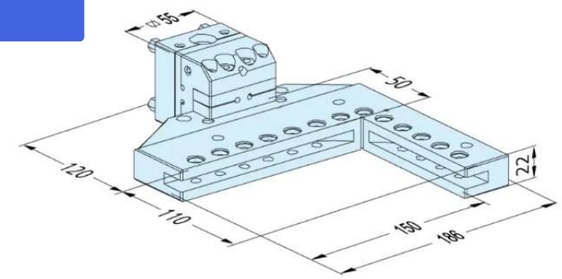
Version: Square with all the clamping accessories.
Application: To be fitted to fix holders or pendulum holders.
Note: Max. load: 10 kg.





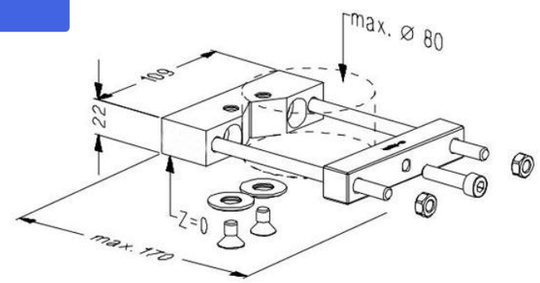
UniVise P UnoSet
UMS-U06624.B

Clamping Round parts: ø 5–85 mm.
Clamping Flat parts: 140 x 100 mm.
Max. load: 5 kg.
Application: Complete set with all clamping accessories.
Workpiece adjustable in three axes.



Prism holder 80mm palletset W
UMS-P06625

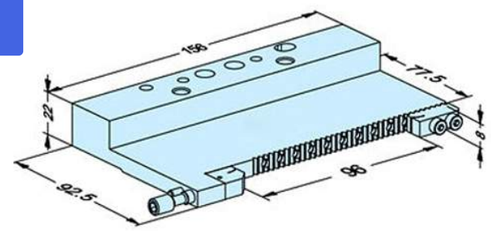
Version: Prism and clamping part with detachable Z-supports.
Application: Clamping of cylindrical workpieces of up to ø 80 mm.
Assembly: To be fitted to the front of beam pallet HE-B06622 or clamping beams
Max. load: 6 kg





Flat vise 8mm
UMS-P06626

Version: One movable jaw and one fixed jaw. Hardened, ground and corrosion-resistant.
Clamping range: 0 - 96 mm.
Max. load: 5 kg.
Application: Lateral clamping of workpieces machined outside of up to 96 mm. To be fitted to fix holder or pendulum holder.

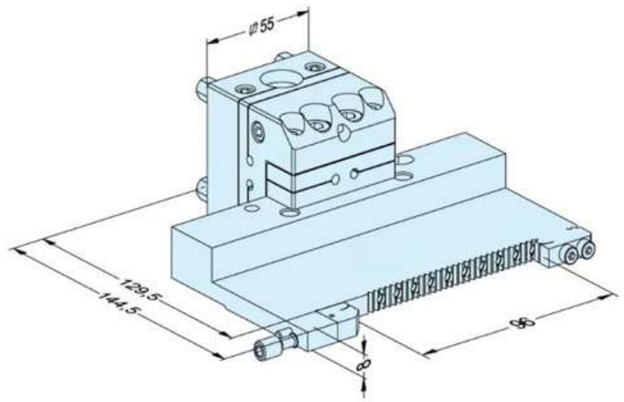




Flat vise 8mm unoset
UMS-P06627



Version: One movable jaw and one fixed jaw. Hardened, ground and corrosion-resistant.
Clamping range : 0 - 96 mm.
Max. load: 5 kg.
Application: Lateral clamping of workpieces machined outside of 0 - 96 mm.



R type Flat vise 96mm unoset
UMS-P06627B

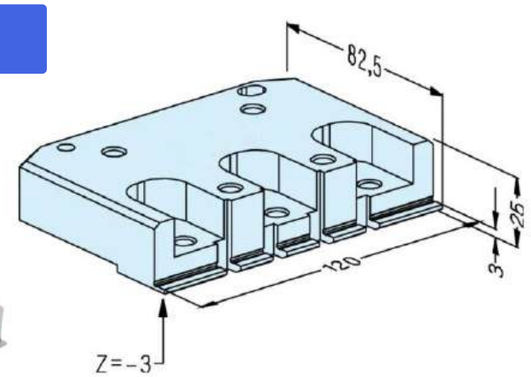
Version: With 3R pallet,One movable jaw and one fixed jaw. Hardened, ground and corrosion-resistant
Clamping range : 0 - 96 mm.
Max. load: 5 kg.
Application: Lateral clamping of workpieces machined outside of 0 - 96 mm.



Vise palletset W
UMS-P06629

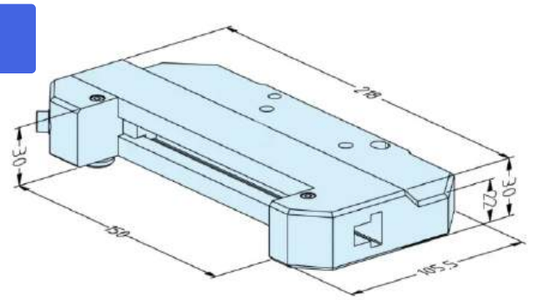
Version: Clamping element with clips for one-sided attachment to workpieces.
Application: To be fitted to fix holders or pendulum holders. Note:
Max. load: 12 kg.

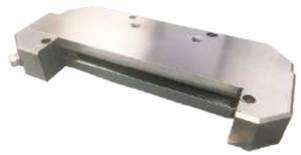




Flat vise 150 PalletSet W
UMS-E06899

Version: One movable and one fixed jaw. Hardened, ground and corrosion-resistant.
Clamping range: Max.150×150×100mm
Max. load: 12 kg.
Application: Lateral clamping of workpieces of 0-150 mm machined from the outside. To be fitted to fix holders or pendulum holders.

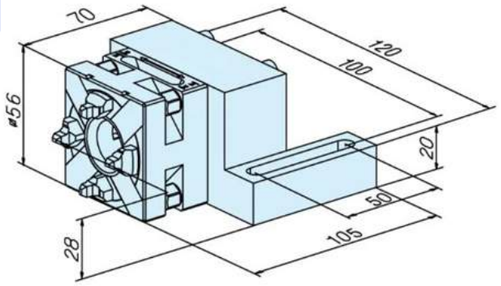




Clamping chuck 50 RSM
UMS-P06628

Version： Chuck 50 on adapter plate, manual.
Application： To be fitted directly to any machine bases with attachment boreholes in a 100 mm grid.

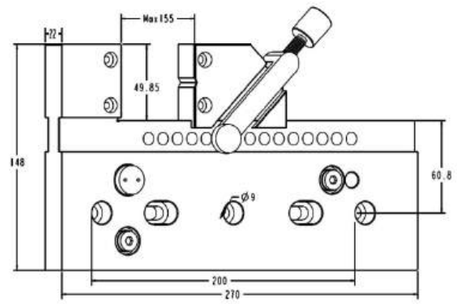




Wire cut vise
UMS-W06583

Specification: Be precise ajusted in X,Y,Z axis. Clamp in side easy and quickly
Clamp size: 0-155mm
Application: Mount on WEDM machine

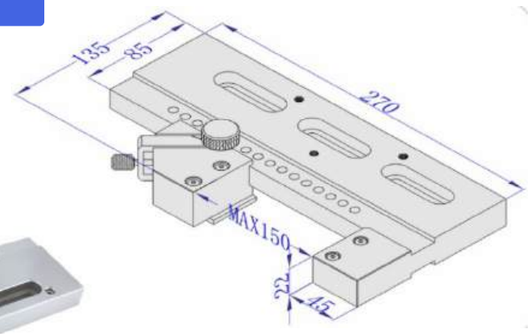




Wire cut vise
UMS-W06583B

Specification: Stainless steel, Can not be ajusted in X,Y,Z axis. Clamp in side easy and quickly
clamp size: 0-150mm
Application: Mount on WEDM machine

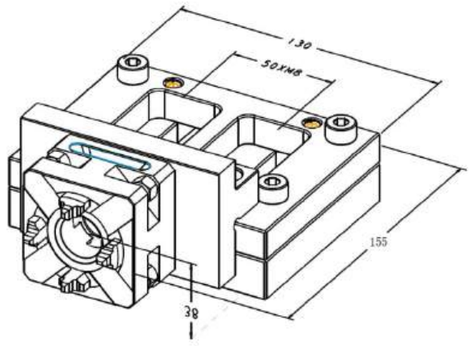




Wire cut chuck
UMS-W06584

Specification:Be precise ajusted in X,Y,Z axis. Clamp in side easy and quickly
Application: Mount on WEDM machine

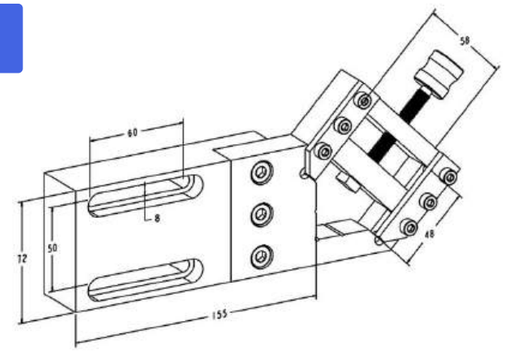




Wire cut vise
UMS-W06585

Version:Be precise ajustment lightly. Clamp easy and quickly
Application: Mount on WEDM machine





Wire cut vise
UMS-W06586

Version:Be precise ajustment lightly. Clamp easy and quickly
Clamping Range： 0-50mm, 0-100mm.
Application: Mount on WEDM machine

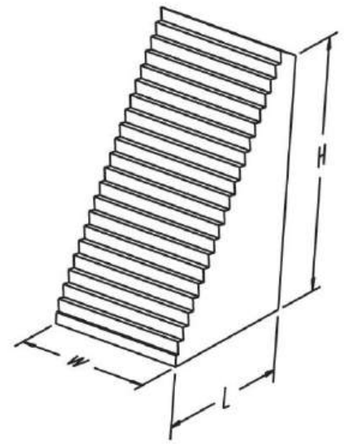


Stainless steel angled plate
UMS-P06596

Version: Material is Martensitic stainless steel,heat treated,vacuum quenching,cold process with HRC50-55
Application: Milling,grinding or EDM/WEDM machines,in dividers and fixtures

Model No.	L(mm)	W(mm)	H(mm)
UMS-P06596.A	31	25	51
UMS-P06596.B	44	25	72
UMS-P06596.C	55	25	92





Circular clamp support fixture
UMS-P06597.B 0-50mm
UMS-P06597.C 0-100mm

Version: Material is Martensitic stainless steel,heat treated,vacuum quenching,cold process with HRC50-55
Application: on WEDM machine for clamping round workpiece
Clamping size：0-50mm, 0-100mm

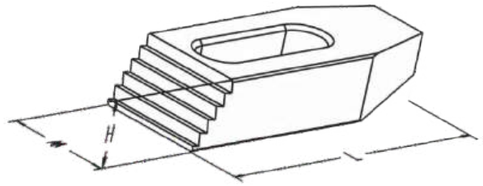


Stainless steel Clamp
UMS-P06598

Version: Material is Martensitic stainless steel,heat treated,vacuum quenching,cold process with HRC50-55
Application: Milling,grinding or EDM/WEDM machines,in dividers and fixtures



Model No.	L(mm)	W(mm)	H(mm)
UMS-P06598.70	70	25	15
UMS-P06598.100	100	25	15

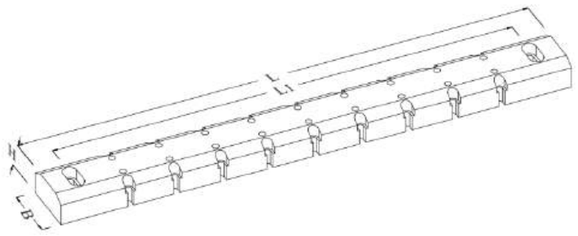


Clamping beam
UMS-B06632

Version：Martensitic stainless steel,heat treated, cold process with HRC50-55
Application: Fixed on WEDM machine for clamping workpiece
Note：Can be customized according to machine travel



Model \ size(mm)	L	L1	B	H
**	370	-	45	30
**	450	-	60	30
**	550	-	60	30
**	650	-	80	36
**	750	-	80	36
**	950	-	80	40
weight(kg)	-	-	-	-
max load(kg)	-	-	-	-

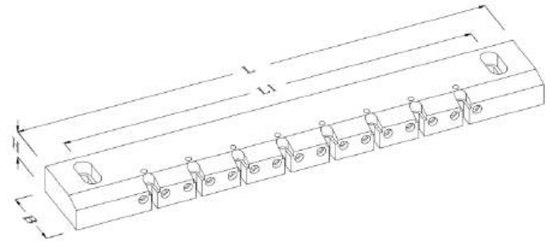


Clamping beam
UMS-B06633

Version：Martensitic stainless steel,heat treated, cold process with HRC50-55
Application: Fixed on WEDM machine for clamping workpiece
Note:Can be customized according to machine travel



Model \ size(mm)	L	L1	B	H
**	370	-	45	30
**	450	-	60	30
**	550	-	60	30
**	650	-	80	36
**	750	-	80	36
**	950	-	80	40
weight(kg)	-	-	-	-
max load(kg)	-	-	-	-

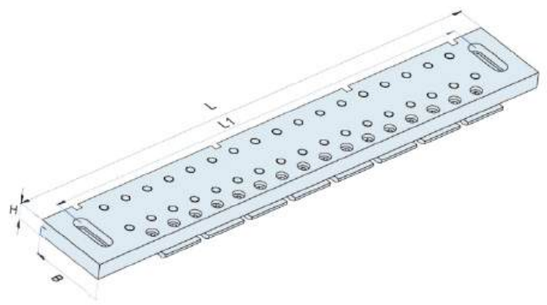


Clamping beam
UMS-B06634

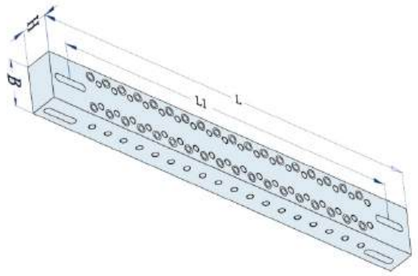
Version：Martensitic stainless steel,heat treated, cold process with HRC50-55
Application: Fixed on WEDM machine for clamping workpiece
Note:Can be customized according to machine travel



Model \ size(mm)	L	L1	B	H
**	370	-	90	22
**	450	-	90	22
**	550	-	90	25
**	650	-	90	25
**	750	-	90	25
**	950	-	90	30
weight(kg)	-	-	-	-
max load(kg)	-	-	-	-



Wire EDM clamping ruler
UMS-B06635

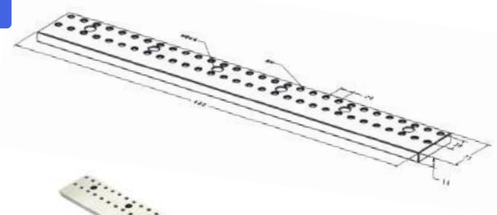


Version: Martensitic stainless steel,heat treated, cold process with HRC50-55
Application: Fixed on WEDM machine for clamping workpiece
Note: Can be customized according to machine travel

size(mm) / Model	L	L1	B	H
**	370	-	50	25
**	450	-	50	30
**	550	-	50	30
**	650	-	60	35
**	750	-	60	40
**	950	-	80	45
weight(kg)	-	-	-	-
maximumload(kg)	-	-	-	-



Wire EDM clamping ruler L=600
UMS-B06635.b

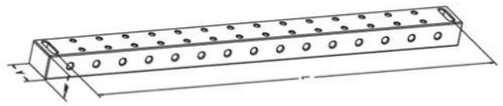


Version: Martensitic stainless steel,heat treated, cold process with HRC50-55
Length 600mm, width75 mm.
Application: Fixed on WEDM machine for clamping workpiece
Suitable for Mitsubishi FX 30/FA30,CTFI6050, Makino SP64
Note: Can be customized according to machine travel



UMS-B06635.C Wire EDM clamping ruler L 440mm
UMS-B06635.D Wire EDM clamping ruler L 590mm
UMS-B06635.E Wire EDM clamping ruler L 740mm

Version：Martensitic stainless steel,heat treated, cold process with HRC50-55
Application: Fixed on WEDM machine for clamping workpiece
Note：Can be customized according to machine travel



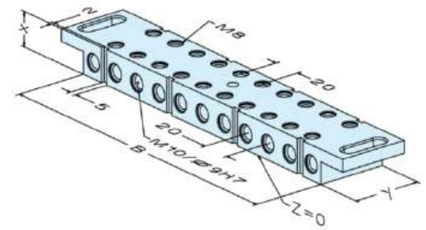
Model No.	L(mm)	W(mm)	H(mm)	Hole spacing
UMS-B06635.C	46	25	440	30*60
UMS-B06635.D	46	35	590	30*60
UMS-B06635.E	50	40	740	30*60



UMS-E06734 Clamping beam 220mm
UMS-E06735 Clamping beam 300mm
UMS-E06736 Clamping beam 380mm
UMS-E06737 Clamping beam 460mm

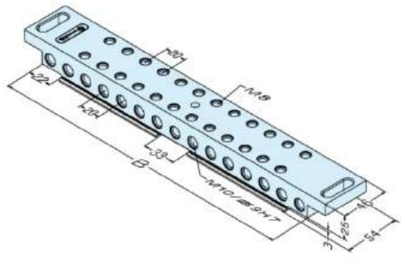
Application: To clamp workpieces with clamping claws on Z-discs.
Version: Cross boreholes, ground.

Clamping Beam	X	Y	B
UMS-E06734	22 mm	46 mm	220
UMS-E06735	25 mm	46 mm	300
UMS-E06736	25 mm	46 mm	380
UMS-E06737	36 mm	56 mm	460



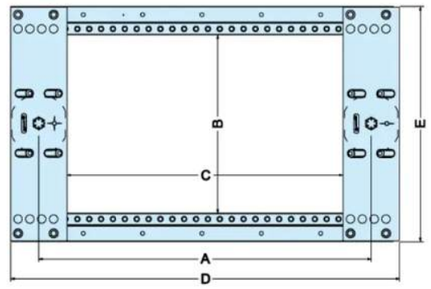
UMS-E06897.300 Double size clamping beam 300MM
UMS-E06897.380 Double size clamping beam 380MM UMS-E06897.460 Double size clamping beam 460MM

Application： To clamp workpieces with clamping claws on Z-support ledges.
Version： Cross boreholes, ground.



UMS-E06898.430 Clamp frame frameset 430/220-335
UMS-E06898.430B Clamp frame frameset 430/300-335
UMS-E06898.490 Clamp frame frameset 490/220-395
UMS-E06898.500 Clamp frame frameset 500/300-405
UMS-E06898.560 Clamp frame frameset 560/300-465
UMS-E06898.650 Clamp frame frameset 650/300-555
UMS-E06898.650B Clamp frame frameset 650/380-555
UMS-E06898.710 Clamp frame frameset 710/380-615

Version：Clamping frame for the multiple palletization of workpieces.
Application： To fit on EROWA flat chucks and FrameSet Fix plates
Options： See Clamping beams and clamping elements for the UMS Wire Tooling System,

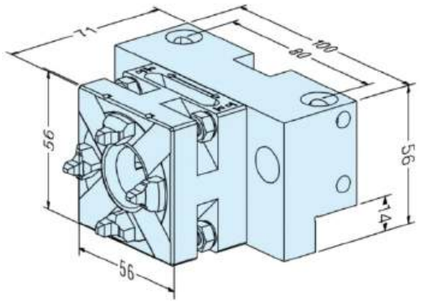


	A	B	C	D	E
UMS-E06898.430	430	220	335	525	396
UMS-E06898.430B	430	300	335	525	396
UMS-E06898.490	490	220	395	585	316
UMS-E06898.500	500	300	405	595	396
UMS-E06898.560	560	300	465	655	396
UMS-E06898.650	650	300	555	745	396
UMS-E06898.650B	650	380	555	745	476
UMS-E06898.710	710	380	615	805	476



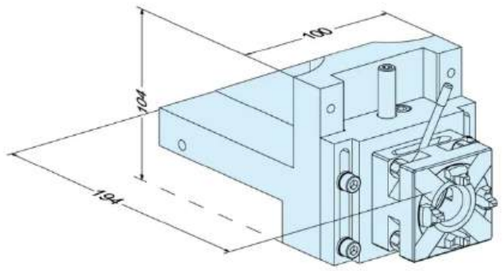
Quick Chuck 50 RSM on universal plate
UMS-E07075

Version：Manual.
Application：ITS base for the manual loading of ITS elements
. Use On all machine bases and FrameSet beams.
. Can be used either horizontally or vertically.



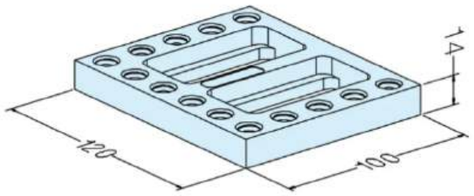
Adapter Z-Vario
UMS-E07076

Version： System adapter from Palletset W to UnoSet.
Z-axis height adjustable.
Application： To clamp UnoSet and electrodes/workpieces
in the ITS 50 system size horizontally into the workspace.
Note： Suitable for use with the whole ITS 50 system and electrode
holders.



Basic adapter 120*100*14mm
UMS-E06720

Version： A ground, hardened, corrosion-resistant plate with variable assembly hole grids.
Application： Base on WEDM machines with no tooling system. With chucks fixing on it.
Assembly： With the enclosed bolts directly onto the existing Z-zero base.



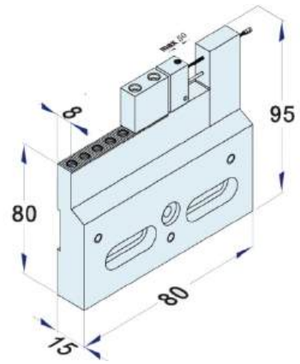
3 Jaw scroll chuck DBF63 rustless 0-56 m ø 20 x 20 mm 70 mm L = 32 mm
UMS-E07094

Suitable for the application on EDM wire cutting machines
under water. Hardened clamping jaws for the clamping of
outside diameter ø 1 - ø 60 mm and inside diameter of
ø 12 - ø 66 mm. Hole pattern 4 x M6, reference circle 40 mm.
Hint:Clamping accuracy ± 0.01 mm.
Maximum work piece weight: 2 kg.



Manual wire cut vise
UMS-V06604

Specifications:Can be accurate clamping and suitable for small parts.
the main body can be adjusted slightly
Clamp size: 0-50mm
Application: Mount On WEDM machine



Manual wire cut vise
UMS-V06605

Specifications: can be accurate clamped and suitable for small parts.
Material:martensitic stainless steel
clamp size: 0-100mm
Application: Mount On WEDM machine



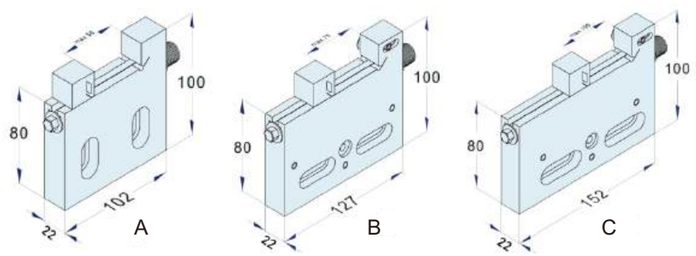
Manual wire cut vise
UMS-V06606

Specifications:Can be accurate clamped and suitable for small parts.
Material: Martensitic stainless steel
Clamp size: 0-50mm,0-75mm ， 0-100mm
Application: Mount On WEDM machine



Specifcation / Model	Size (mm)	Clamping (mm)
A	100×102×22	50
B	100×127×22	75
C	100×152×22	100

Material	Hardened	Paralelism	Squareness
SUS440	HRC50-55°	0.005/100mm	0.005/100mm



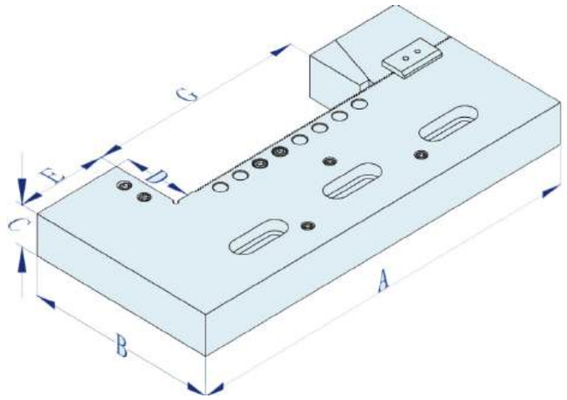
Power wire cut vise
UMS-V06607

Specifications: can be accurate clamped and suitable for small parts.
Material: martensitic stainless steel
clamp size: 0-100mm,0-150mm.
Application: Mount On WEDM machine



Size(mm) / Model	100	150
A	270	320
B	130	145
C	22	22
D	50	50
E	50	75
G(max)	100	150
weight(kg)	4	5.5
maximumload(kg)	10	12

Material	Hardened	Paralelism	Squareness
SUS440	HRC50-55°	0.005/100mm	0.005/100mm



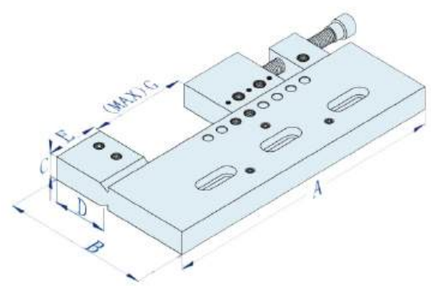
Manual wire cut vise
UMS-V06608

Specifications: can be accurate clamped and suitable for small parts.
Material: martensitic stainless steel
clamp size: 0-100mm,0-150mm.
Application: Mount On WEDM machine



Size(mm) / Model	100	150
A	249	320
B	135	145
C	22	22
D	50	60
E	60	60
G(max)	100	150
weight(kg)	4.5	6
maximumload(kg)	8	10

Material	Hardened	Paralelism	Squareness
SUS440	HRC50-55°	0.005/100mm	0.005/100mm



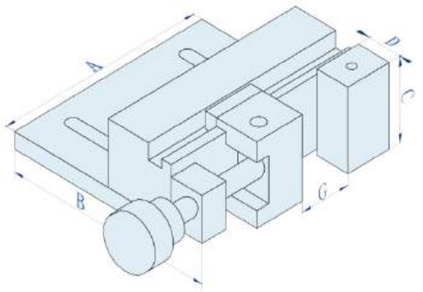
Manual square vise UMS-V06609

Specifications: can be accurate clamped and suitable for small parts.
Material: martensitic stainless steel
clamp size: 0-82mm,0-100mm.
Application: Mount On WEDM machine



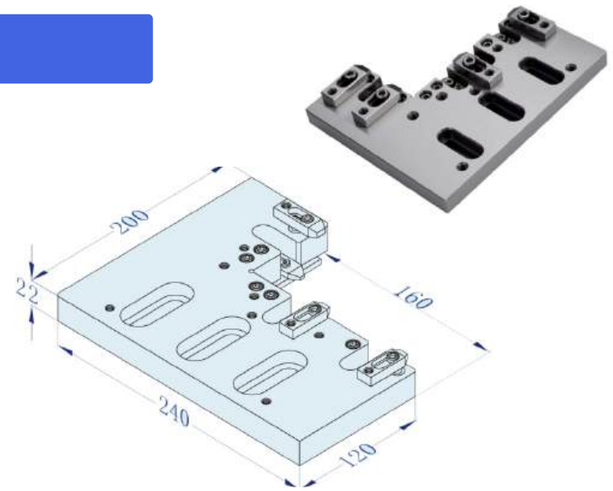
Size(mm) / Model	Mod 25	Mod 30
A	165	185
B	145	150
C	54	70
D	30	35
G(max)	82	100
weight(kg)	5.1	5.7
maximumload(kg)	5	8

Material	Hardened	Paralelism	Squareness
SUS440	HRC50-55°	0.005/100mm	0.005/100mm



Manual square vise
UMS-V06610

Specifications: can be accurate clamped and suitable for small parts.
Material: martensitic stainless steel
Application: Mount On WEDM machine



Manual walking wire vise 0-150mm
UMS-V06611

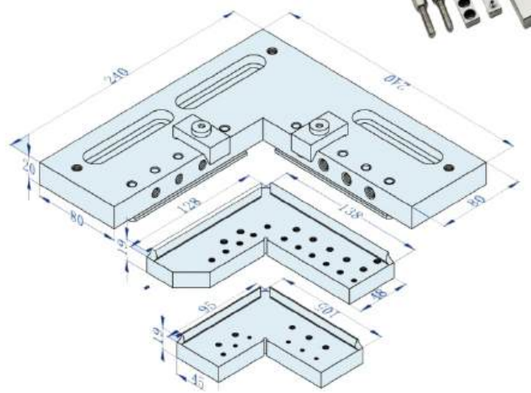
Specifications: Can be accurate clamped and suitable for small parts.
Material: Martensitic stainless steel
Clamp size: 0-150mm.
Application: Mount On WEDM machine



Combination square vise
UMS-V06612

specifications: can be accurate clamped and suitable for small parts.
Material: martensitic stainless steel
Application: Mount On WEDM machine





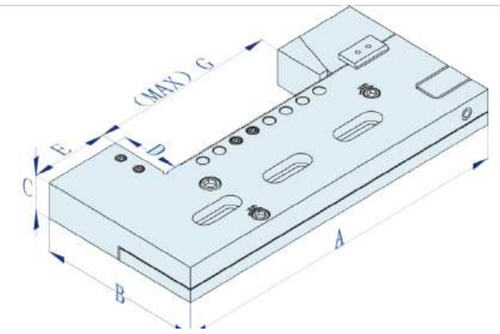
Adjustable wire cut vise
UMS-V06613

Specifications: can be accurate clamping and suitable for square and long parts.
The body can be adjusted in X Y Z slightly
clamp size: 0-100mm, 0-160mm，0-200mm
Material: martensitic stainless steel
Application: Mount On WEDM machine



Size(mm) \ Model	100	160	200
A	270	350	380
B	170	170	170
C	24	24	24
D	50	60	60
E	60	75	75
G(max)	100	160	200
weight(kg)	5.4	7.8	8.9
maximumload(kg)	6	10	15

Material	Hardened	Paralelism	Squareness
SUS440	HRC50-55°	0.005/100mm	0.005/100mm



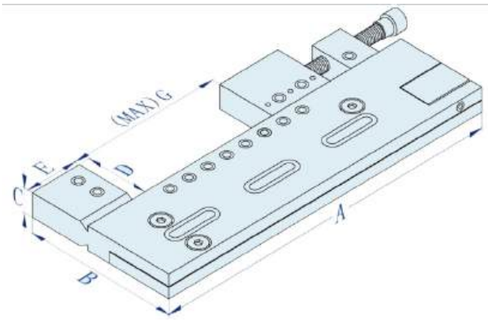
Manual Adjustable wire cut vise
UMS-V06614

Specifications: can be accurate clamping and suitable for square and long parts.
The body can be adjusted in X Y Z slightly
Material: martensitic stainless steel
clamp size: 0-100mm, 0-160mm.
Application: Mount On WEDM machine



Size(mm) \ Model	100	160
A	249	320
B	160	170
C	24	24
D	50	60
E	50	60
G(max)	100	160
weight(kg)	6.5	7.75
maximumload(kg)	6	10

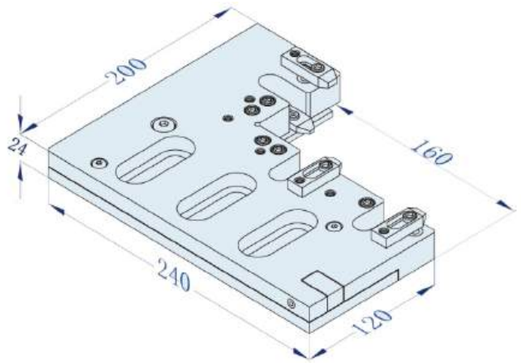
Material	Hardened	Paralelism	Squareness
SUS440	HRC50-55°	0.005/100mm	0.005/100mm



Adjustable wire cut vise
UMS-V06615



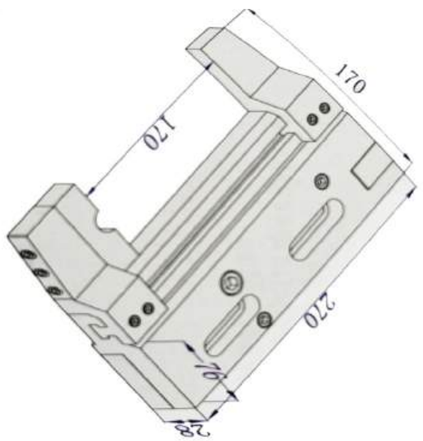
Specifications: can be accurate clamping and suitable for square and long parts.
The body can be adjusted in X Y Z slightly
Material: martensitic stainless steel
Application: Mount On WEDM machine



Adjustable wire cut vise
UMS-V06617



Specifications: can be accurate clamping and suitable for square and long parts.
The body can be adjusted in X Y Z slightly
Material: martensitic stainless steel
Clamp size: 0-170mm
Application: Mount On WEDM machine

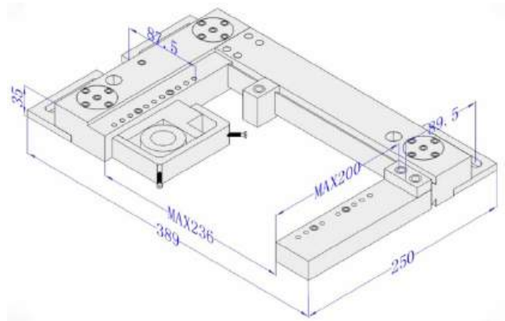


Adjustable wire cut base plate
UMS-V06618

Specifications: clamping and suitable for square round and long parts.
Application: Mount On WEDM machine
Advantage:

1.Through the adoption of special spherical bearings,horizontal centering of the work can be easily done, set up time is greatly shortened, and machine operation rate is improved
2.Various works can be efficiently set by combining special accessories such as V-block for large/small round workpieces, L-type block for wide flat-plate workpieces,and jaw, for thin workpieces
3.These are superior in rust proofing by adoting martensitic stainless steel(quenched/ground/finished)





UMS-V06619 WEDM vise double side Max clamping: 25mm
UMS-V06620 WEDM vise double side Max clamping: 40mm

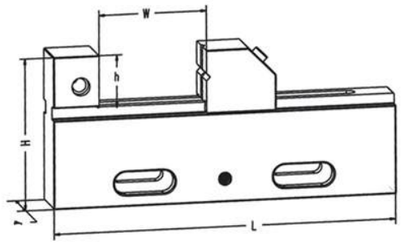
Specifications: can be accurate clamped and suitable for small parts.
Hardness: HRC 50-55
Parallelism: 0.003mm/100. Squareness: 0.005mm/100mm.
Material: martensitic stainless steel
Advantages: Two parts can be processed at the same time, and the middle stopper is easy to disassemble and assemble.
Clamp size: 0-25mm,0-40mm.
Application: Mount On WEDM machine



UMS-V06587 Stainless steel vise 50
UMS-V0658 Stainless steel vise 100
UMS-V06589 Stainless steel vise 150
UMS-V06590 Stainless steel vise 214



Version: manual, corrosion-resistant.
Clamp Range: 0-50mm,0-100mm, 0-150mm, 0-214mm.
Application: Mount On WEDM machine

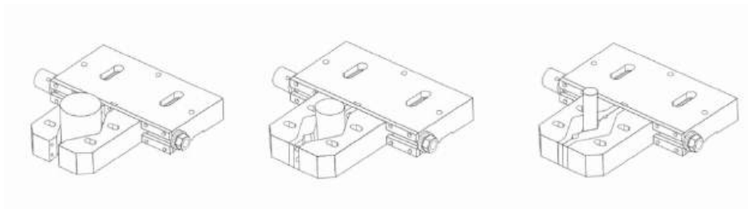


Model No.	A(mm)	h(mm)	H(mm)	W(mm)	L(mm)
UMS-V06587	31.5	30	85	50	120
UMS-V06588	31.5	30	90	100	170
UMS-V06589	32	35	100	150	226
UMS-V06590	35.5	40	100	214	300

Wire EDM vise for round workpiece
UMS-R06921



Clamping range：D6-D100 mm.
Max load：workpiece weight 7 kg
Tightening torque：8 Nm
Parallelism：100mm/0.002mm
squareness：100mm/0.005mm
Marterial：stainless steel
Application：fixing workpiece on WEDM machine



Super vise for clamping round workpiece D8-100mm
UMS-R06671B

Clamping range：D8-D100 mm.
Max load： workpiece weight 7 kg
Tightening torque：8 Nm
Parallelism：100mm/0.002mm
squareness：100mm/0.005mm
Marterial：stainless steel
Application： fixing workpiece on WEDM machine

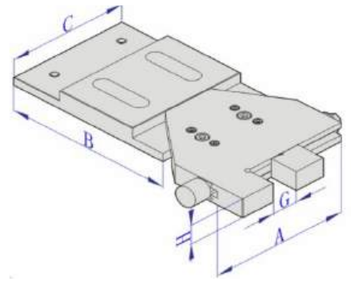


Horizontal Adjustable Wire Cutting Vise
UMS-R06851



Clamping range: 0-90mm.
Advantage：Horizontal adjustment
Tightening torque 8 Nm
Parallelism: 100mm/0.002mm
squareness： 100mm/0.005mm
Marterial: stainless steel
Application: fixing workpiece on WEDM machine

A	145
B	120
C	74
H	20
G	90



Split fine-tuning fixture
UMS-R06933



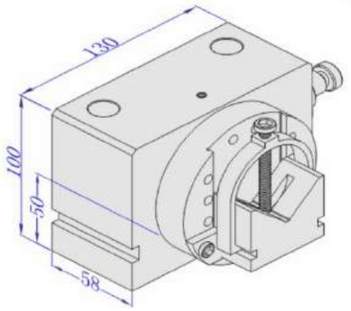
Advantage：Horizontal adjustment,
Can be used in combination with other clamps
Parallelism: 100mm/0.002mm
squareness：100mm/0.005mm
Marterial: stainless steel
Application: fixing workpiece on WEDM machine



Precision Wire cut V block holder
UMS-R06891B



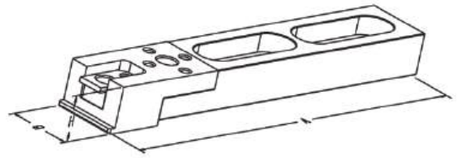
Specifications:
Material: SUS440
Diameters: Process round bar: 0-30mm
Bore in essence center: The 21 mm, Plate diameter 30 mm Hardness: HRC 56℃
Center height: 50mm
Indexing;24*15°，Division accuracy: ±10" arc seconds
Scale: 360 degrees, can be fixed on each scale
Weight: 6.1kg.



UMS-V06594 Square support 0-50
UMS-V06595 Square support 0-100



Version: Stainless steel, heat treated, HRC50-55
Application: mounted on WEDM machine for clamping workpiece

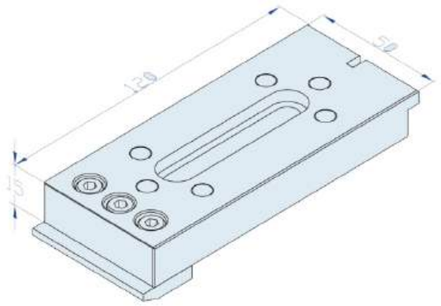


Model No.	A(mm)	B(mm)	H(mm)	L(mm)
UMS-V06594	200	40	30	5 < L < 50
UMS-V06595	300	50	40	50 < L < 100

1 hole clamp
UMS-H06636



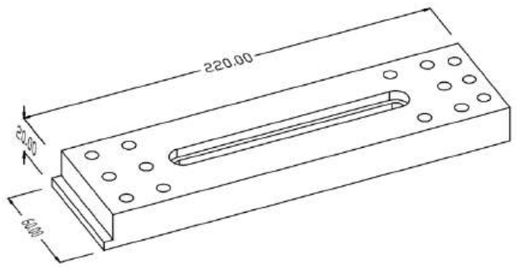
Version: 120x50x15mm 150x50x15mm
180x50x15mm 120x60x15mm
Application: Mount On WEDM machine
for machining various parts
Max load: 20kg



1 hole clamp
UMS-H06636.B



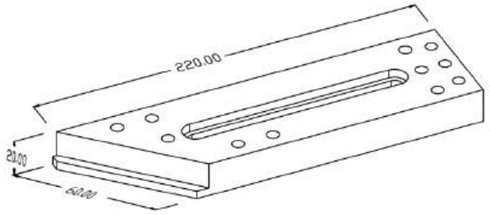
Version: 220*60*20mm
Application: Mount On WEDM machine
for machining various parts
Max load: 20kg



1 hole clamp
UMS-H06636.C



Version: 220*60*20mm
Application: Mount On WEDM machine
for machining various parts
Max load: 20kg



1 hole clamp kit
UMS-H06636.D

Version: 220*60*20mm 4 pcs，support plate 2 pcs
Application: Mount On WEDM machine
for machining various parts
Max load: 20kg



1 hole clamp kit
UMS-H06636.E

Version: 1 hole clamps 5 pcs .
Application: Mount On WEDM machine
for machining various parts
Max load: 20kg



1 hole clamp kit
UMS-H06636.F

Version: 1 hole clamps 5 pcs , support plate 6 pcs
Application: Mount On WEDM machine
for machining various parts
Max load: 20kg



WEDM user kit
UMS-H06636.G

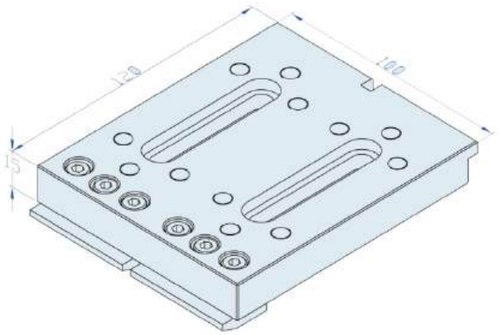
Version: Jack, Spacer Block ,Heightening Screw, Support Plate, Stainless Steel Screw
Application: Mount On WEDM machine
for machining various parts
Max load: 20kg



2 hole clamp
UMS-H06637

Version: 120x100x15mm
Application: Mount On WEDM machine
for machining various parts
Max load: 20kg

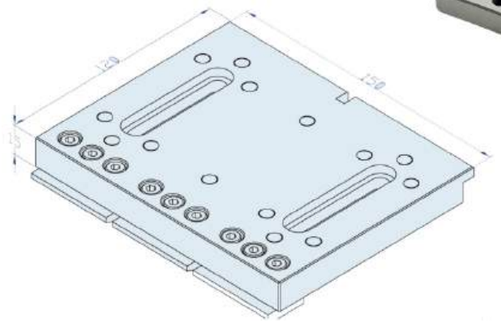




3 hole clamp
UMS-H06638

Version: 120x150x15mm
Application: Mount on WEDM machine
for machining various parts Max
load: 20kg





3 hole clamp set
UMS-H06638.B

Version: tools set
Application: Mount On WEDM machine
for machining various parts
Max load: 20kg

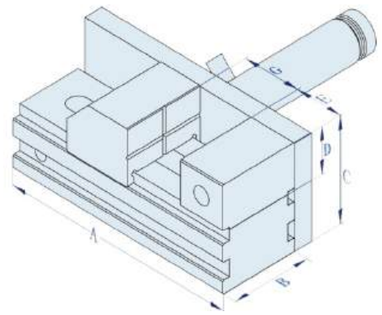


Stainless steel electrode vise
UMS-V06639

Version: manual, corrosion-resistant.
Application: Mount On EDM/WEDM machine

Model \ size(mm)	1.0''	1.5''	2.0''
A	65	100	135
B	25	35	50
C	30	35	50
D	12	16	24
E	18	25	30
G(max)	20	45	60
weight(kg)	-	-	-
maximumload(kg)	-	-	-



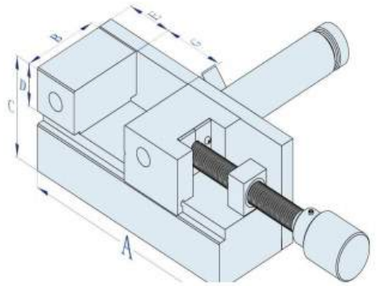


Stainless steel electrode vise
UMS-V06640

Version: manual, corrosion-resistant.
Application: Mount On EDM/WEDM machine

size(mm) \ Model	1.5"	2.0"
A	100	135
B	35	50
C	35	50
D	16	24
E	25	30
G(max)	45	60
weight(kg)	-	-
maximumload(kg)	-	-



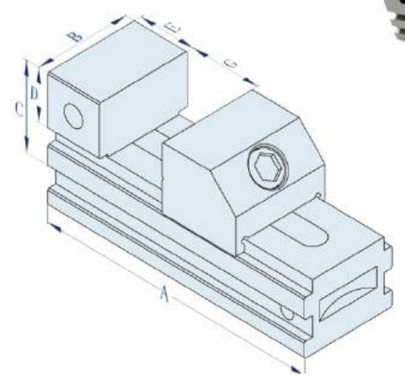


Stainless steel tool vise
UMS-V06641

Version: manual, corrosion-resistant.
Application: Mount On EDM/WEDM machine

size(mm) \ Model	15	20	25	30	40
A	100	140	172	190	230
B	35	48	63	73	98
C	40	50	60	70	80
D	20	25	30	35	40
E	25	25	30	35	40
G(max)	45	75	90	100	125
weight(kg)	-	-	-	-	-
maximumload(kg)	-	-	-	-	-

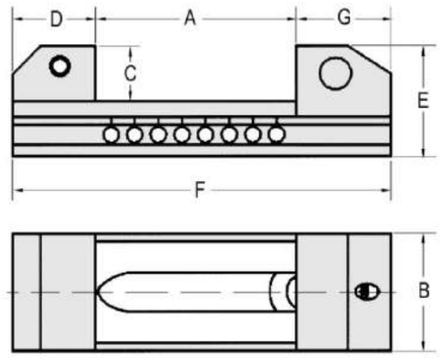




Tool vise
UMS-V06641.200

Version: manual, Alloy steel.
Application: Mount On EDM/WEDM machine



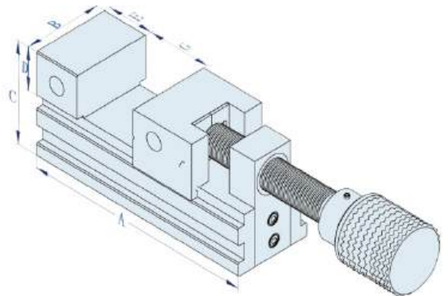


Stainless steel tool vise
UMS-V06642

Version: manual, corrosion-resistant.
Application: Mount On EDM/WEDM machine



size(mm) \ Model	20	25	30	40
A	140	160	180	230
B	48	63	73	98
C	55	69	78	92
D	25	30	35	45
E	25	30	35	40
G(max)	-	-	-	-
weight(kg)	-	-	-	-
maximumload(kg)	-	-	-	-



Raising screw
UMS-E07028

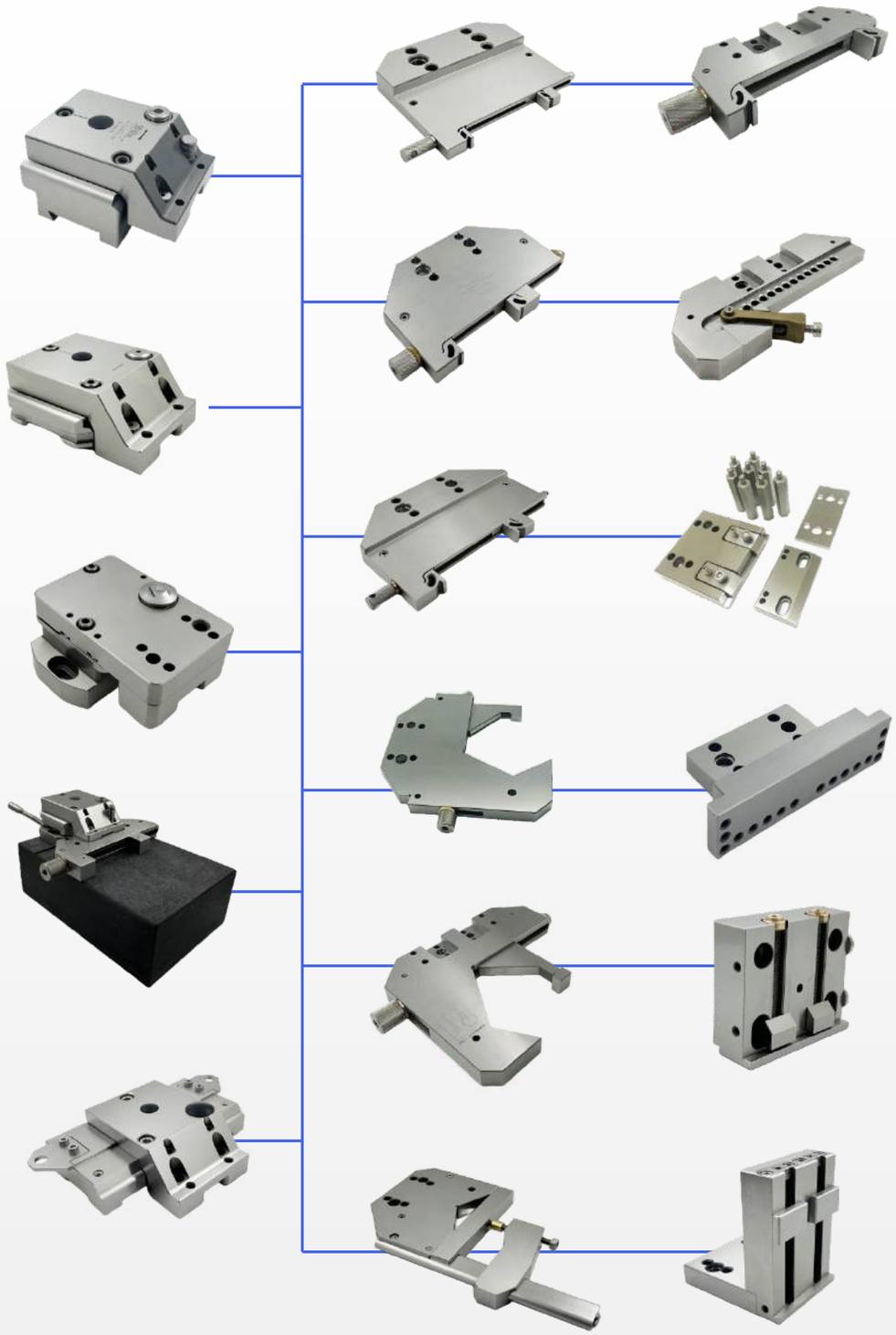
Version:For WEDM machine tool
Application:Height of clamping overhead screw can be adjusted in terms of different thickness of machined parts, which is convenient and reliable



Jack
UMS-R07031

Version:For WEDM machine tool
Application:Height of clamping jack can be adjusted in terms of different thickness of machined parts, which is convenient and reliable

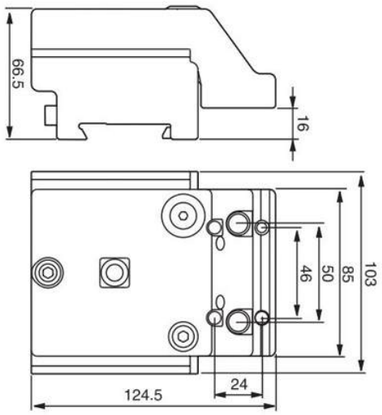




Levelling adapter WEDM
UMS-R06749

Version:All holders including HP can be mounted.
Adjustable in three axis
Application: For manual mounting of SuperVice, holder or fixture in the WEDM system.





Levelling adapter WEDM SET
UMS-R06749B

UMS-R06749 Levelling adapter, WEDM x1
UMS-R06668 super vice x1



Levelling adapter WEDM SET
UMS-R06749B2

UMS-R06749 Levelling adapter, WEDM x1
UMS-R06668 super vice x1
UMS-R06762 Reference element x1



Levelling adapter WEDM SET
UMS-R06749C

UMS-R06749 Levelling adapter, WEDM x1
UMS-R06671 super vice x1



Levelling adapter WEDM SET
UMS-R06749C2

UMS-R06749 Levelling adapter, WEDM x1
UMS-R06671 super vice x1
UMS-R06762 Reference element x1



Levelling adapter WEDM SET
UMS-R06749D

Same as 3R-272HP, 3R-292.6HP
UMS-R06749 Levelling adapter, WEDM x1
UMS-R06670 super vice x1



WEDM user kit
UMS-R06749E

UMS-R06749 Levelling adapter, WEDM
x1 UMS-R06668 super vice x1
UMS-R06671 super vice x1



WEDM user kit
UMS-R06749F

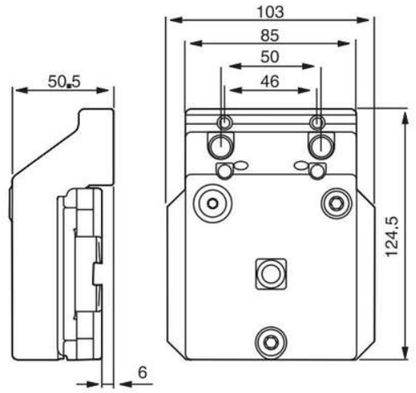
UMS-R06749 Levelling adapter, WEDM
x1 UMS-R06668 super vice x1
UMS-R06671 super vice x1
UMS-R06762 Reference element x2



Levelling adapter WEDM
UMS-R06750

Version:All holders including HP can be mounted. Adjustable in three axis
Adapted for automatic changing
Application: For mounting SuperVice, a holder or a fixture in the Macro system.

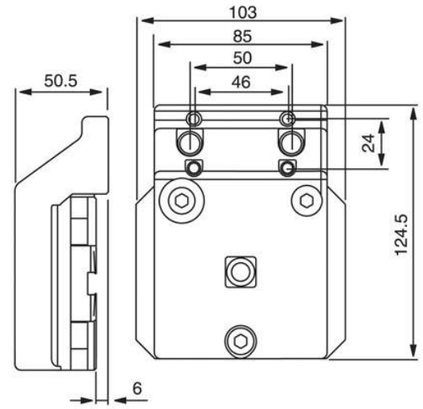




Fixed mounting head, Macro
UMS-R06884

Recommended maximum load 15 kg
Adapted for automatic changing
Ready for code carrier
For manual mounting of SuperVice, a holder or a fixture in the Macro system.
Note: All holders including HP can be mounted.

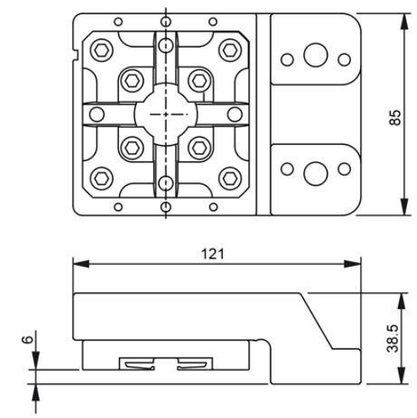




Fixed mounting head, Macro
UMS-R06885

Recommended maximum load 15 kg
Adapted to automatic changing with 3R-WP1
Ready for code carrier
For mounting SuperVice, a holder or a fixture in the Macro system.
Note: All holders including HP can be mounted.

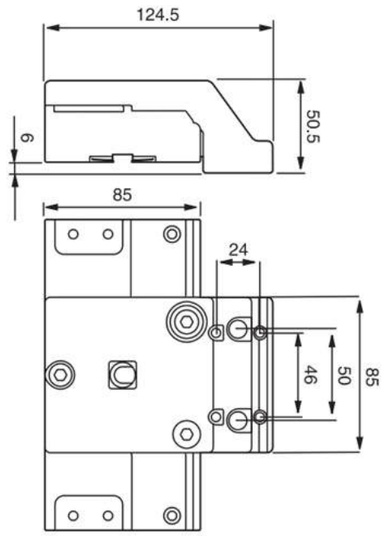




Fixed mounting head, Magnum MacroTwin, UMS-R07035

For manual mounting of Magnum holders in the MacroTwin system.
Note: All holders including HP can be mounted.
Recommended maximum load 15 kg
Supplied with drawbar HE-R06758 x2
Can be adapted to automatic changing with 3R-W12-S
Ready for code carrier
Weight 4.2 kg.

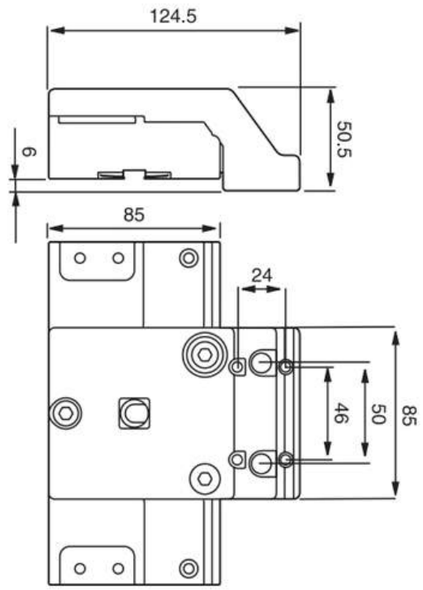




Levelling adapter, Magnum MacroTwin, UMS-R07035B

For manual mounting of Magnum holders in the MacroTwin system.
Note: All holders including HP can be mounted.
Adjustable in three axes
Recommended maximum load 15 kg
Supplied with drawbar HE-R06758 x2
Can be adapted to automatic changing with 3R-W12-S
Ready for code carrier
Weight 4.2 kg.

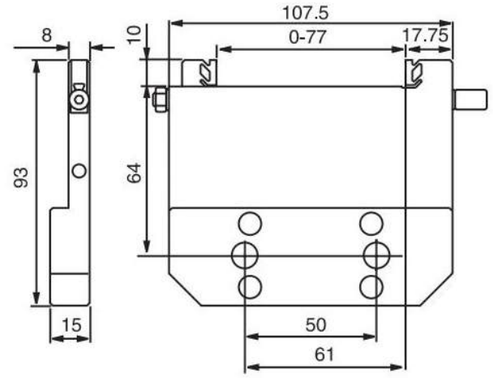




R wire Super vise 0-77mm UMS-R06667

For clamping rectangular workpieces up to 77 mm.
- Tightening torque 3 Nm
- Weight 0.6 kg

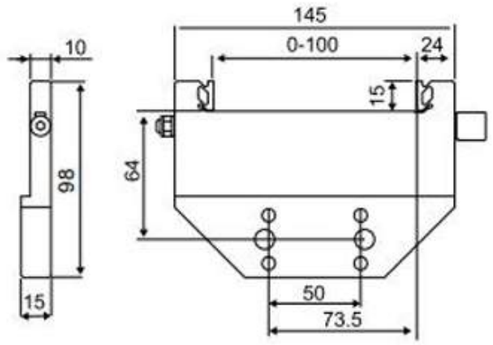




R wire Super vise 0-100mm UMS-R06667.B

For clamping rectangular workpieces up to 100 mm.
- Tightening torque 3 Nm
- Weight 0.9 kg

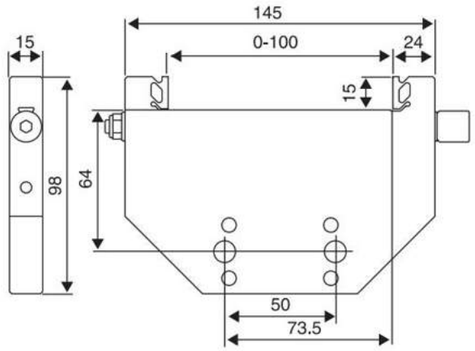




R wire super vise UMS-R06668

For clamping rectangular workpieces up to 100 mm.
- Tightening torque 7 Nm
- Weight1.1 kg

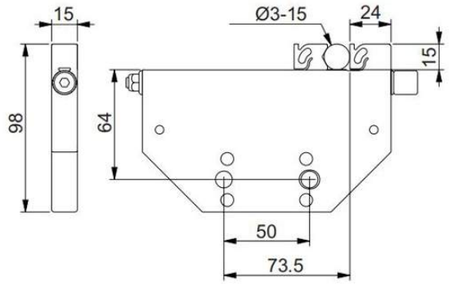




R wire super vise
UMS-R06668.P

For vertical or horizontal collision-free clamping of round workpieces (Ø3-15 mm).
Alternatively, rotate the movable jaw and use as a regular HE-RO6668 vice for rectangular workpieces (0-100 mm).
Tightening torque 7 Nm
Weight 1.1 kg.

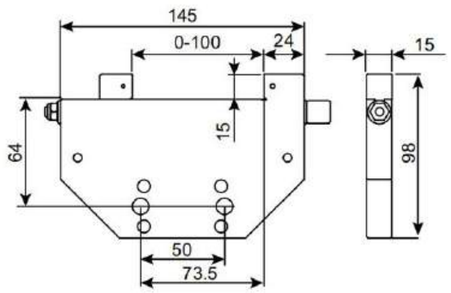




Power vise
UMS-R06669

Version:Vice with solid jaws for clamping rectangular workpieces up to 100 mm.
Note: Tightening torque 8 Nm

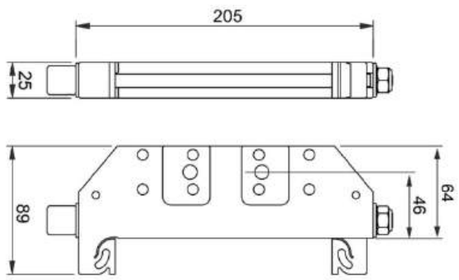




SuperVice, Magnum 0-155mm
UMS-R06670

Version:For clamping rectangular workpieces up to 155 mm.
Note: Tightening torque 15 Nm

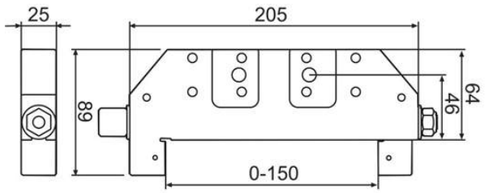




SuperVice, Magnum 0-150mm
UMS-R06670B

Version: Vice with solid jaws For clamping rectangular workpieces up to 150 mm.
Note: Tightening torque 15 Nm

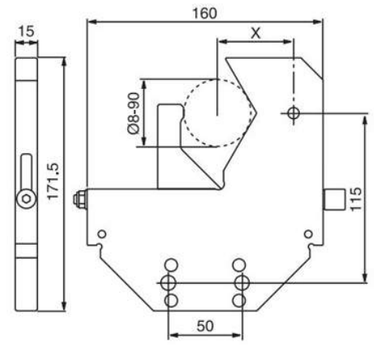




R wire super vise 8-90mm
UMS-R06671

Vice for clamping round workpieces Ø8-90 mm.
Tightening torque 8 Nm
Recommended maximum workpiece weight 7 kg.



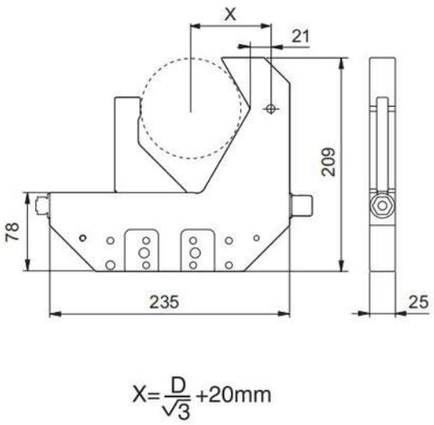


$$X=\frac{D}{\sqrt{3}}+25mm$$

R wire super vise 15-155mm
UMS-R06672

Vice for clamping round workpieces Ø15-155 mm.
Note: Mounts on HP, Magnum or MacroTwin levelling adapter.
Tightening torque 10 Nm
Recommended maximum workpiece weight 12 kg.
Weight 4.5 kg.





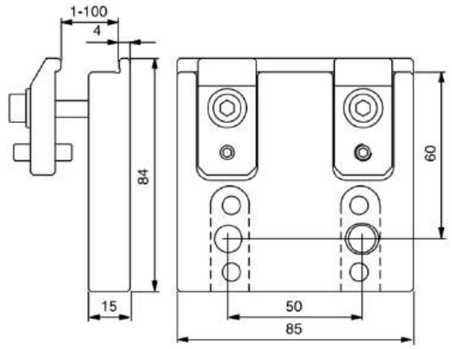
$$X=\frac{D}{\sqrt{3}}+20mm$$

Vice
UMS-R06771

For clamping workpieces up to 100 mm.

- Tightening torque 7 Nm
- Weight 0.7 kg

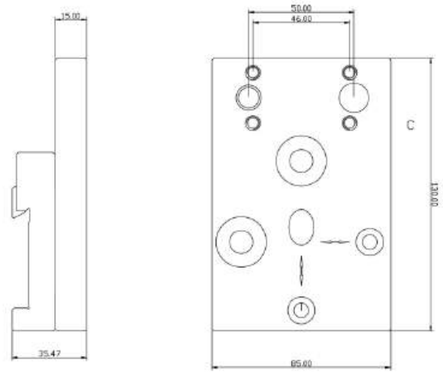




WEDM adapter
UMS-R06848.A

Version:All holders including HP can be mounted.
Adjustable in three axis
Application: For manual mounting of SuperVice, holder or fixture in the WEDM system.

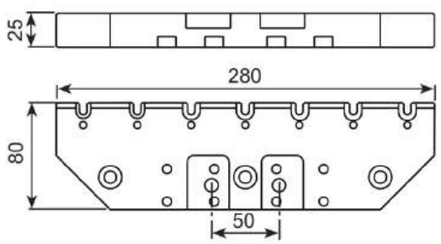




Holder, Magnumm
UMS-R06786

Can be supplemented with 3R Ruler accessories.
Note: Mounts on an HP mounting head





R type user kit
UMS-R06786.B

UMS-R06781 Ruler vice x1
UMS-R06749 levelling adapter HP x1
UMS-R06786 Magnum Holder HP x1



User kit WEDM
UMS-R06786.C

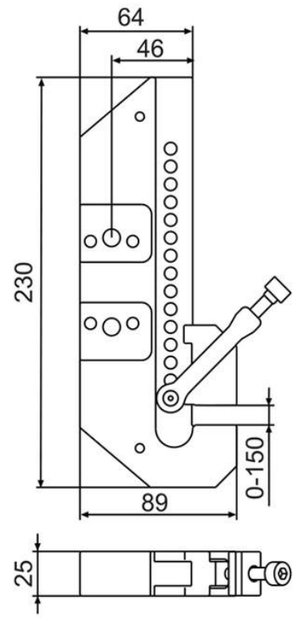
User kit
UMS-R06749 levelling adapter ×1
UMS-R06786 Magnum Holder HP x1



WEDM Super Vice
UMS-R06796

Vice for clamping rectangular workpieces up to 150 mm. Note:
Mounts on HP, Magnum or MacroTwin levelling adapter
Tightening torque 15 Nm



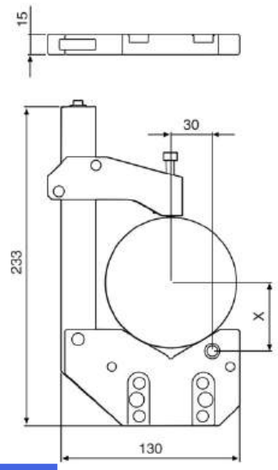


Universal holder
UMS-R06880.100

Holder for round workpieces D8-100 mm, or rectangular workpieces up to 100 mm.

- Recommended maximum workpiece weight 7 kg.
- Tightening torque 3 Nm



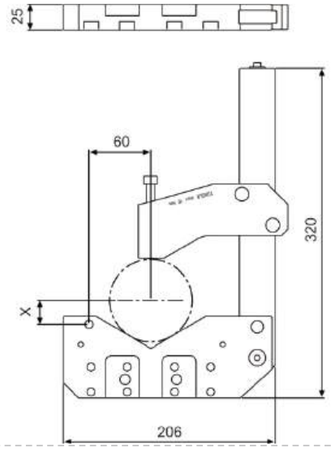


Universal holder
UMS-R06880

For round workpieces15-150 mm diameter, or rectangular workpieces up to 150 mm.
Note: Mounts on HP, Magnum or MacroTwin mounting head.

- Recommended maximum workpiece weight 12 kg.
- Tightening torque 6 Nm



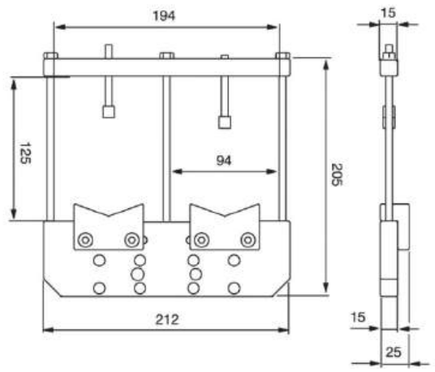


Universal holder
UMS-R06846

Holder for round workpieces up to 90 mm, or rectangular workpieces 100x90 mm.

- Recommended maximum workpiece weight 7 kg.
- Tightening torque 4 Nm





Angel holder
UMS-R06847

For clamping a workpiece or fixture on a mounting head.
Can be supplemented with 3Ruler accessories.
Weight 3 kg



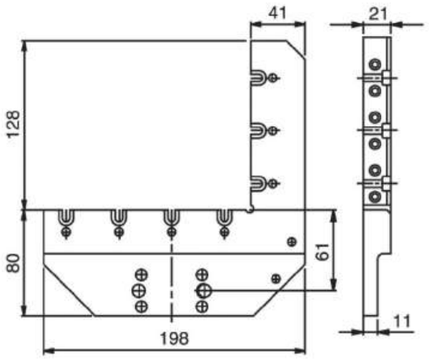
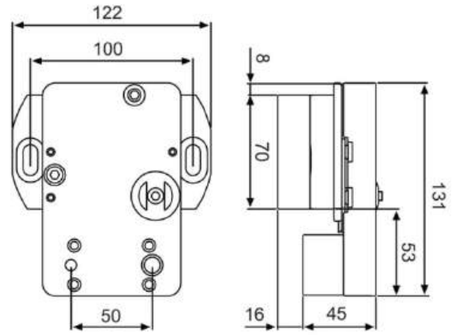


Table Levelling Head WEDM
UMS-R06839

For mounting SuperVice, a holder or a fixture directly on the machine table.
Note: All holders including HP can be mounted.

- Adjustable in three axes when clamped in the machine.
- Recommended maximum load 15 kg





User kit
UMS-R06846.B

UMS-R06839 Levelling adapter x1
UMS-R06847 Universal holder x1
UMS-333-03 Allen key, 3 mm x1
UMS-333-05 Allen key, 5 mm x1

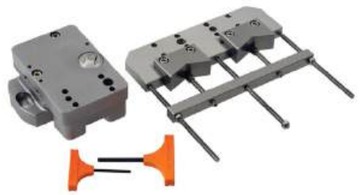


Table Levelling head user kit
UMS-R06840

UMS-R06839 Levelling adapter x1
UMS-R06796 SuperVice Magnum x1
UMS-333-03 Allen key, 3 mm x1
UMS-333-05 Allen key, 5 mm x1



User kit
UMS-R06840-3

UMS-R06839 Levelling adapter x1
UMS-R06880.100 Universal holder x1
UMS-333-03 Allen key, 3 mm x1
UMS-333-05 Allen key, 5 mm x1



User kit WEDM
UMS-R06852

UMS-R06750 Levelling adapter x1
UMS-R06853 manual chuck x1
UMS-R06796 SuperVice Magnum x1
UMS-R06853.B Drawbar x1
UMS-333-03 Allen key, 3 mm x1
UMS-333-05 Allen key, 5 mm x1
45600-N041 Allen key, 6 mm



Holder set, Wire EDM
UMS-R06787

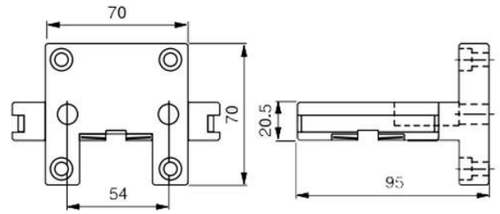
Set of three holders and fixing parts.
· Reversible jaws
· Holder length 70/23.5 mm.
· Recommended maximum workpiece weight 60 kg
· Weight per set 3 kg



Angled fixed mounting head, Macro
UMS-R07032

Fixed 90-degree head with 3Refix holes for mounting fixtures in the Macro system.

- 3Refix Ø10 mm
- Adapted for automatic changing
- Ready for code carrier
- Supplied without drawbar
- Recommended maximum load 7 kg

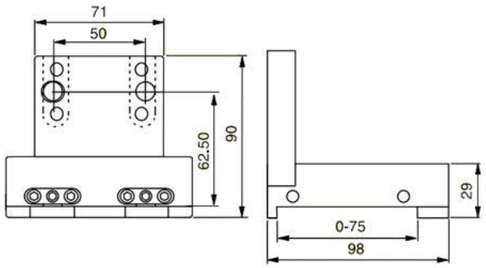




Vice
UMS-R07037

For clamping workpieces up to 75mm. Mounts on HE-R06749,HE-R06750
Tightening torque 3 Nm,
Recommend max workpiece weight 7kg

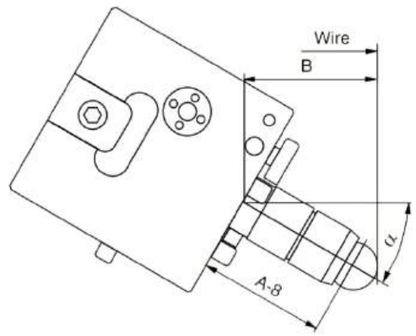




Mini centering Reference ball
UMS-R07038

For finding positions of applications with swivelling elements.
Magnetic attachment for Ø16 mm ball.
Supplied with two balls.



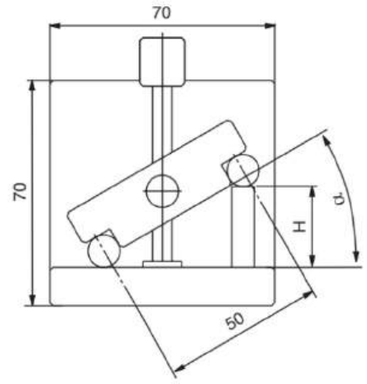


$$B=(A-8)\cos\alpha+8$$

Sine Ruler
UMS-R07039

With magnetic attachments for setting angles on swivelling elements.
Angles are set with gauge blocks.
Measuring length 50 mm
Weight 1.2 kg



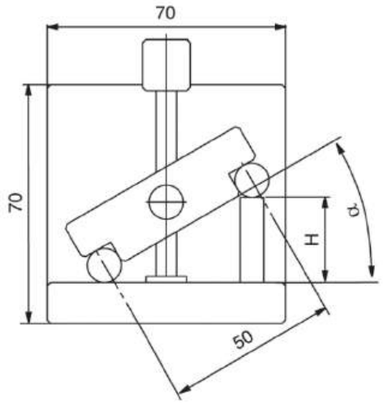


$$\sin \alpha = \frac{H}{50}$$

Sine ruler, Macro, Wire EDM
UMS-R07039.B

Version: For setting angles on swivelling elements.
Angles are set with gauge blocks. Measuring length: 50 mm
Weight: 1.4 kg.

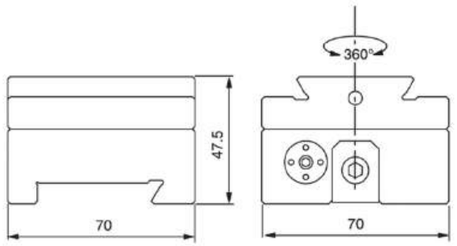




Swivelling element 360 WEDM
UMS-R07040

Hydraulic locking of set position.
Note: For angle setting, 3R-216 is recommended.
Can be monted on 3R-204 or directly on 3R-201J
Tightening torque 7 Nm

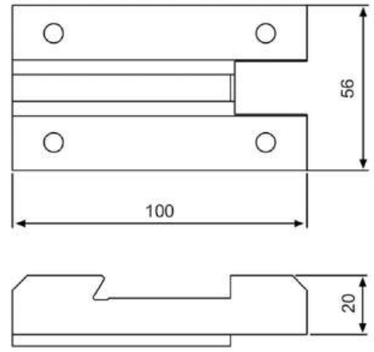




Adapter
UMS-R07041.C

Adapter element for mounting UMS-R07041.B in the WEDM system.

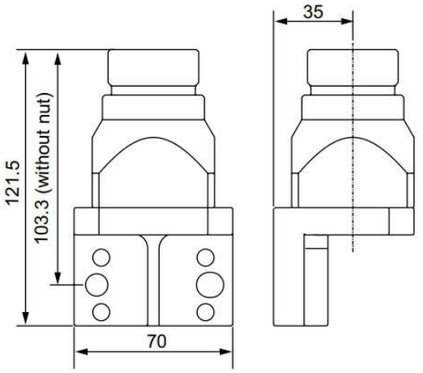




Collet chuck
UMS-R07095

For use with a levelling head. Workpiece sizes 1-20 mm. For collets ER32
Weight 1.5 kg





Fixed measuring probe Ø3 mm MacroJunior
UMS-R07046

For machines with measurement cycle function.
Measuring ball Ø3 mm
Overall length 102 mm



Control ruler Mini
UMS-R07047

Version: Ground C-reference.
Measuring length ：100 mm
Weight ：0.6 kg.



Control ruler Mini
UMS-R07048

For setting angular positions.
Measuring length 96 mm

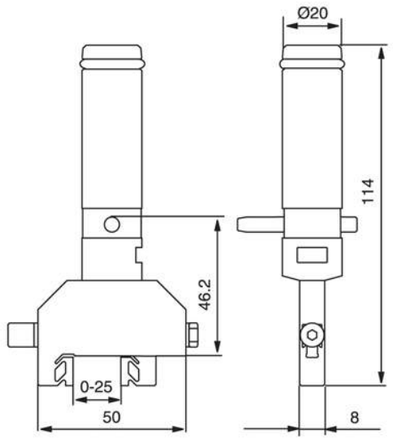


Super vice, mini
UMS -R06792

Vice for mounting rectangular workpieces up to 25 mm in the Mini system.

- Rust-resistant
- Tightening torque 3 Nm
- Weight 0.4 kg





Reference stop
UMS-R06790

Can be moved infinitely along the entire reference element.
· Hardened

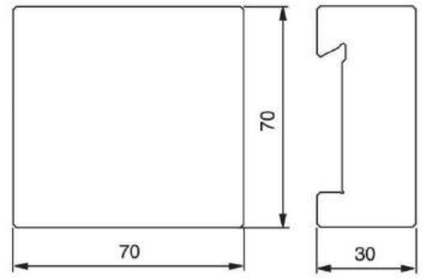


R type pallet WEDM
UMS-R06929

Unhardened holder for mounting in the WEDM system.

·Recommended maximum workpiece weight 7 kg
·Rust-resiston
· Weight 1 kg

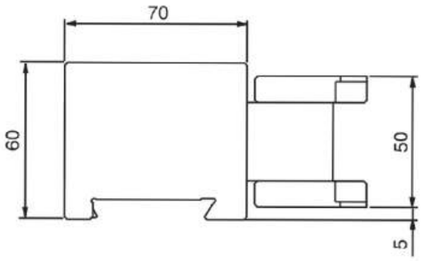




Wire Alignment Guide for Mitsubishi
UMS-R07074

Application:Unit with double-insulated reference contacts for wire alignment.
Tightening torque 7 Nm
For Mitsubishi machines
Four wires in the cable





User kit
UMS-R06794

UMS-R06790 x1 Reference stop x1

UMS-R06749 Levelling adapter HP x1
UMS-R06668 SuperVice <100 mm x1
UMS-R06671 SuperVice D8-90mmx1
UMS-R06771 Vice <100 mm x1
UMS-R06794-A Torque wrench,7Nm x1
UMS-333-03 Allen key, 3 mm x1
UMS-333-05 Allen key, 5 mmx1

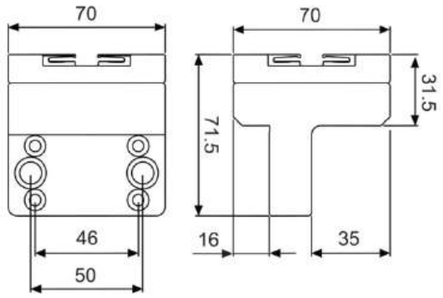


Angled holder, Macro
UMS-R06806

For horizontal clamping SuperVice
and holders in vertical Macro chucks.

· Weight 1.4kg

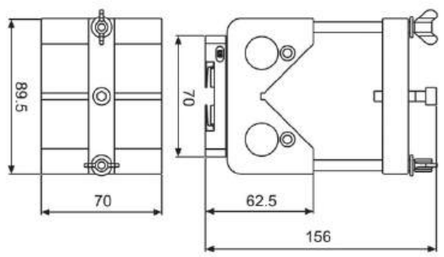




V-holder, Macro
UMS-R06807

For clamping round workpieces D8-70 mm, or rectangular
workpieces 10-52 mm in the Macro system.

- Hardened
- Rust-resistant
- Recommended maximum workpiece weight 8 kg
- Weight 2 kg

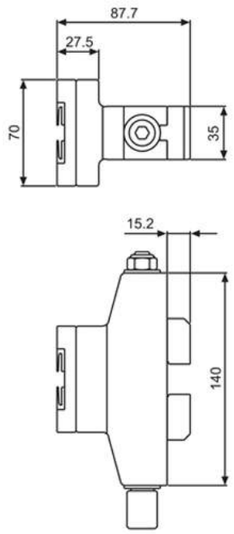


Vice, Macro
UMS-R06808

Vice for mounting rectangular workpieces 0-80 mm in the
Macro system. Movable jaws for centred mounting. Can be
supplemented with insert 16115-00 for mounting round
workpieces 15-55 mm.

- Rust-resistant
- Tightening torque 15 Nm
- Weight 2.4 kg



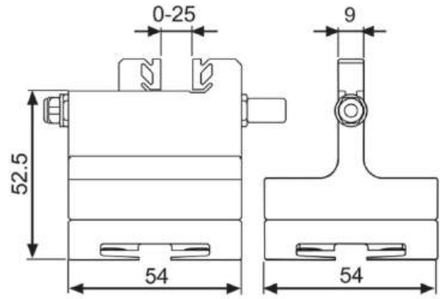


SuperVice, Macro
UMS-R06809

Vice for mounting rectangular workpieces 0-25 mm in the
Macro system.

· Rust-resistant
· Tightening torque 3 Nm
· Weight 0.6 kg



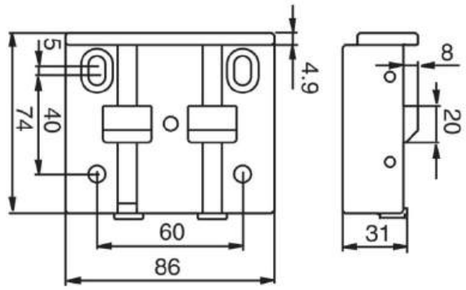


Vice
UMS-R06879

For clamping workpieces up to 50 mm.
Mounts on HE-R06941 、HE-R06942 、HE-R06786 or a ruler in the 3Ruler system
or Macropallet 54x54 mm.

· Tightening torque 3 Nm
· Weight 1.2 kg



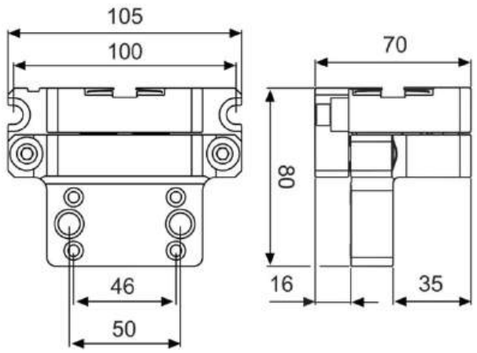


Vertical Levelling adapter, Macro
UMS-R06849

For horizontal mounting of Super Vice
and holders in vertical Macro chucks.

· Adjustable in three axes
· Weight 1.5 kg



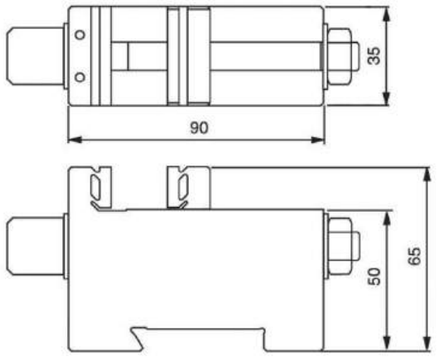


Super vice, Wire EDM
UMS-R06907

Vice for mounting rectangular (<60 mm) and round (8-45 mm) workpieces in the WEDM system.

- Rust-resistant
- Tightening torque 15 Nm
- Weight 1.5 kg



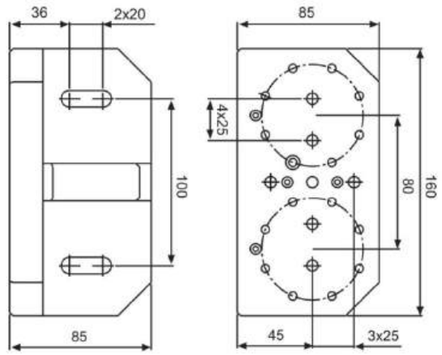


Angle shelf
UMS-R06902

Mounts direcily on the machine table. For vertical mounting of a Macro chuck or short reference element in the machine.
Supplied with M8 screw and washer(x3) .

· Weight 4.2 kg



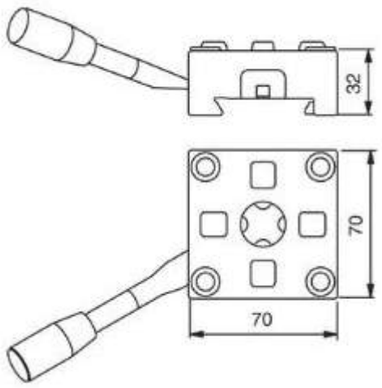


Manual chuck macro
UMS-R06962

Chuck adapter with lever for Macro holder in the WEDM system. Supplied with drawbar.
Note: When mounted on the reference element, the two clamping jaws must be tightened with the same torque, 4 Nm.

- Required drawbar HE-R06674
- Clamping force 6000 N
- Fixed index positions 4x90°



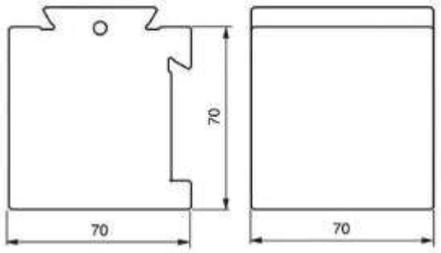


R type Adapter 90°, WEDM
UMS-R06963

Basic element for 3D accessories.

- Fits on all System 3R basic element
- Hardened
- Weight 2.7 kg



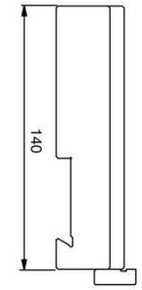


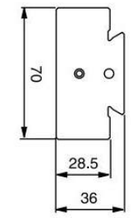
Height adapter, WEDM
UMS-R06964

Can be turned upwards or downwards when mounting on HE-R06964.

· Height adjustment±65 mm
· Hardended
· Weight 2.2 kg





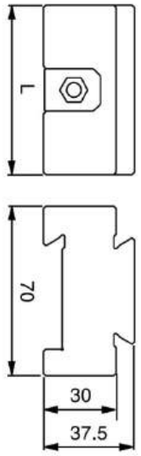


Spacer element 30MM WEDM
UMS-R06823

Spacer element 30 mm, WEDM
Used where vertical or horizontal displacement of workpiece or accessory is necessary.

- Hardended
  UMS-R06823 L=70mm
- UMS-R06823.3 L=140mm



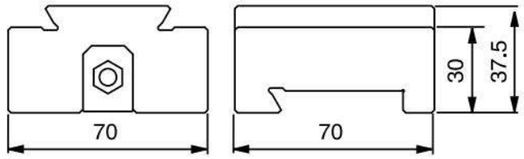


Spacer element 90°, WEDM
UMS-R06823.B

Used where it is necessary turn workpiece or accessory through 90°

• Hardended



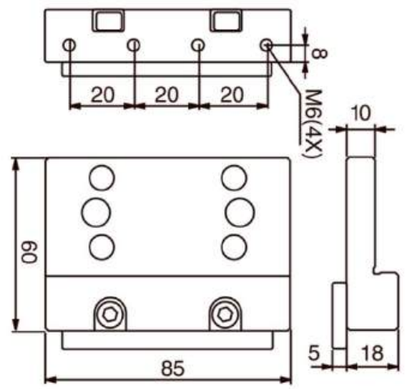


Adapter
UMS-R06824

For mounting HE-R06980 ,HE-R06879 and HE-R06942 on a levelling adapter.

· Weight 0.6 kg





User kit
UMS-R06961

UMS-R06963 Adapter 90 x1
UMS-R06964 Height adapter x1
UMS-R06962 1 Manual chuck for Macro x1
UMS-R06774 Drawbar x1
UMS-333-05 Allen key, 5 mm x1

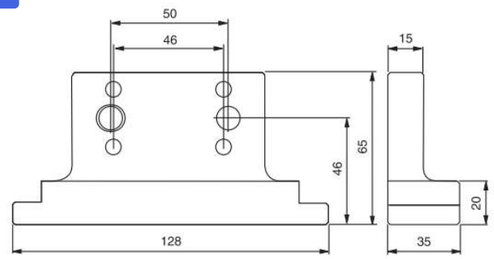


Holder
UMS-R06941

For fixture, workpiece or UMS-R06776、UMS-R06783、UMS-R06980、UMS-R06879、UMS-R06942 and 3R-402.1.

· Weight 0.6 kg



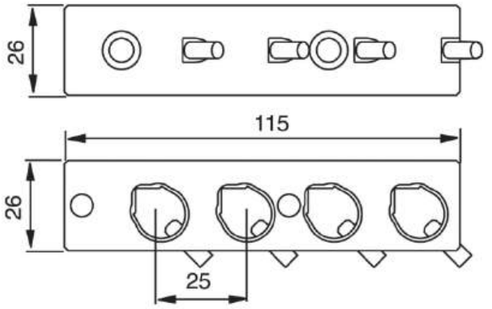


Multiple holder
UMS-R06942

For mounting four workpieces D5-13 mm at the same time. Mounts on HE-R06941, HE-R06824, HE-R06786 or a ruler in the 3Ruler system.

· Tightening torque 3 Nm



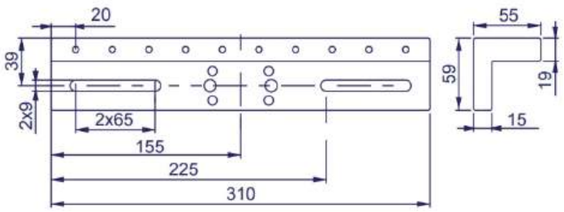


Multiple holder , Econo, Wire EDM
UMS-R06942.B

Multiple holder for ten workpieces Ø2-20 mm at the same time.
Mount direct on table or with a levelling head.

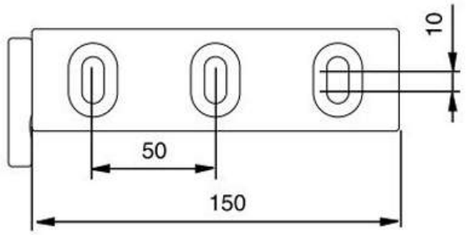
C-C = 30 mm
Squareness 0,1 mm/100 mm





Reference element WEDM 150mm
UMS-R06762

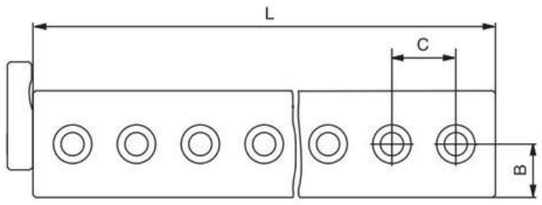
Version: StainlessUniversal 150 mm reference element,with oval holes,
Operation: for WEDM machine , Compatible with System 3R.





Reference Element WEDM
UMS-R06774

Reference elements for machines with zero-line table. The length (L), hole spacing (C) and hole edge spacing (B) of the hardened reference elements are matched to the machine in question.
Note: When ordering, state machine mark and type.
· Supplied with end stop





Ruler
UMS-R06793

The rulers are available in various lengths (-XXX) , to match
different machines. The cross-section is matched to the length to ensure optimal stability

XXX = length (mm)	<370	371-544	545-645	646-950	951-1600
Width (mm)	45	60	60or86*	86	86
Height (mm)	30	30	36	36	50
Eccentric stops supplied	1	1	1	1	1
Quick fasteners supplied	2	2	2	2	2
Zero line tabs supplied	2	2	2or3*	3	5*
5 mm tabs supplied	2	2	2	2	3*
Clamps supplied	2	2	2or3*	3	5*



Ruler double
UMS-R06793-D

Double-sided rulers are available in various lengths (-XXX) , to match
different machines. The cross-section is matched to the length to ensure optimal stability, With these rulers, accessories can be clamped on both sides of the ruler

XXX = length (mm)	<370	371-595	596-950	>950
Width (mm)	45	60	86	86
Height (mm)	30	30	36	56
Eccentric stops supplied	2	2	2	2
Quick fasteners supplied	2	2	2	2
Zero line tabs supplied	4	4	6	10
5 mm tabs supplied	4	4	4	6
Clamps supplied	2	4	4	10



Clamps plate
UMS-R06854

Clamps of Stainless for mounting a ruler directly on the machine table without reference elements.
Supplied in sets of 2



Clamps for reference elements
UMS-R06855

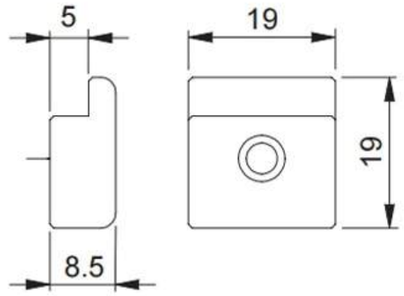
Clamps for clamping rulers on reference elements.
Supplied in sets of 2.



Zero-line support tab, 5 mm
UMS-R06841

Support tab adjusted by -5 mm. For 3Ruler. Recommended maximum workpiece weight per tab 50 kg Supplied in sets of 2.





3R Mini clamps
UMS-R06842

For clamping thin workpieces. To be fitted together with zero-line support tab.
Recommended maximum workpiece weight per stop 1 kg
Supplied in sets of 2.

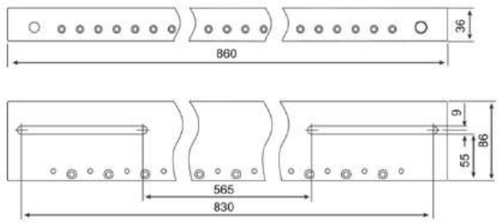


Econo Ruler
UMS-R06810

Universal ruler for mounting directly on the machine table. Fits machine tables with hole pitch 565-830 mm.

· Dimensions:860×86x36 mm
· Clamping range:565-830 mm
· Material:stainless steel
· M8 screws and washers supplied

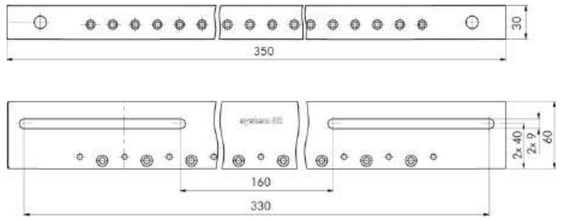




Econo Ruler
UMS-R06810-350

Universal ruler for mounting direcily on the machine table. Fits machine tables with hole pitch 160-330 mm.
· Dimensions: 350x60x30 mm
· Clamping range:160-330 mm
· Material: stainless steel
· M8 screws and washers supplied.

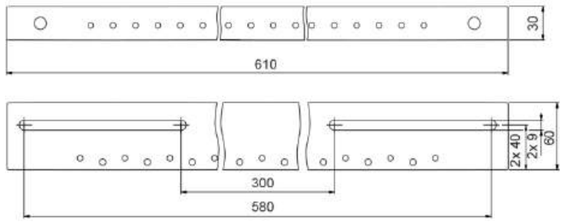




Econo Ruler
UMS-R06810-610

Universal ruler for mounting directly on the machine table.
Fits machine tables with hole pitch 300-580 mm.
• Dimensions: 610x60x30 mm
• Clamping range: 300-580 mm
• Material: Stainless steel
• M8 screws and washers supplied





Econo Ruler kit
UMS-R06810.1

EconoRuler kit
Kit for clamping rectangular workpieces.

UMS-R06810-350.1	UMS-R06810-610.1	UMS-R06810.1
UMS-R06810-350 Ruler, 350 mm x1	UMS-R06810-610 Ruler,610 mm x1	UMS-R06810 Ruler,860 mm x1
UMS-333-03 Allen key, 3 mm x1	UMS-333-03 Allen key, 3 mm x1	UMS-333-03 Allen key, 3 mm x1
UMS-333-05 Allen key,5 mm x1	UMS-333-05 Allen key,5 mm x1	UMS-333-05 Allen key, 5 mm x1
+ Accessories	+ Accessories	+ Accessories



Econo Ruler kit
UMS-R06810.2

EconoRuler kit
Kit for clamping rectangular workpieces.

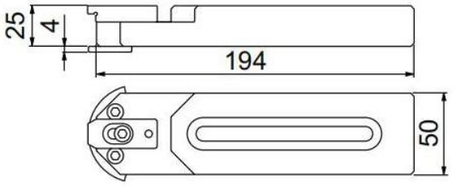
UMS-R06810-350.2	UMS-R06810-610.2	UMS-R06810.2
UMS-R06810-350 Ruler, 350 mm x2	UMS-R06810-610 Ruler,610 mm x2	UMS-R06810 Ruler,860 mm x2
UMS-333-03 Allen key, 3 mm x1	UMS-333-03 Allen key, 3 mm x1	UMS-333-03 Allen key, 3 mm x1
UMS-333-05 Allen key,5 mm x2	UMS-333-05 Allen key,5 mm x1	UMS-333-05 Allen key, 6 mm x1
clamps x2	clamps x2	clamps x2
+ Accessories	+ Accessories	+ Accessories



Support
UMS-R06805

For mounting directly on the machine table.
· Adjustable length 35-135 mm
· Includes 5 mm spacer for collision free set-up
· Recommended maximum workpiece weight 20 kg
· Weight 1.5kg





Ruler vice, Econo
UMS-R06999

Movable jaws of SuperVice design provide a wide clamping range for rectangular workpieces.
Detachable Z-support tabs ensure simple setting-up.
Recommended maximum workpiece weight with one vice: 15 kg
Recommended maximum workpiece weight with two vices: 200 kg
Tightening torque 8 Nm
Weight 0.7 kg.



ICS Zeroline Mega
UMS-R07009

Version：Martensitic stainless steel,heat treated, cold process with HRC50-55
Parallelism：100mm/0.002mm
squareness：100mm/0.005mm
Application：Fixed on WEDM machine for clamping workpiece
Note：Can be customized according to machine travel



Clamps, EconoRuler
UMS-R07000

Clamps of aluminium for mounting EconoRuler.
Supplied in sets of 2.



Reference stop
UMS-R06780

For positioning 3Ruler anywhere on the reference elements. The stops have adjusting screws for accurate alignment.
• Tightening torque 7 Nm
• Supplied in sets of 2
• Weight per set 0.6 kg.



Ruler vice
UMS-R06781

Movable jaws of SuperVice design provide a wide clamping range for rectangular workpieces. Detachable Z-support tabs ensure simple setting-up.

- Recommended maximum workpiece weight with one vice: 15 kg
- Recommended maximum workpiece weight with two vices: 200 kg
- Tightening torque 8 Nm
- Weight 0.7 kg.



Low-profile holder
UMS-R06782

For clamping thin workpieces.

· Hardened
· Clamping range 0-27 mm
· Supplied in sets of 4
· Weight per set 0.6 kg



Zero line support
UMS-R06777

· Hardened
· Recommended maximum workpiece weight per stop 50 kg
· Supplied in sets of 2.



Vee holder UMS-
R06783

For clamping round workpieces To be mounted on ruler HE-R06793 UMS-R06941 or UMS-R06786

· Hardened
· Clamping range D25-300 mm
· Weight 0.9 kg



Double Ruler vice
UMS-R06781.1

- Hardened
- Recommended maximum workpiece weight 7 kg
- Tightening torque 8 Nm
- Weight 1 kg



Ruler kit
UMS-R06776

Kit for clamping recangular, round or thin workpieces.
Contents:
UMS-R06781 Ruler vice x1
UMS-R06782 Low-profile holder x4
UMS-R06783 Vee holder x1
UMS-914-10LTorque wrench,8 Nm x1
UMS-333-03 Allen key, 3 mm x1
45600-N039 Allen key, 4 mm x1



Presetting stone
UMS-R06947



Stone with three ground faces, a reference element and a clearance stone. Together with a surface plate and a dial indicator, HE-R06947 is an excellent presetting tool for a modest outlay.
• Dimensions 150x110x80 mm
• Weight 5.4 kg

Presetting stone
UMS-R06947.B



Mounting stone with bushings and holes for mounting chuck/ reference elements. Use together with existing measuring
machine or surface plate and a dial indicator.
· Dimensions 300×200x100mm

Presetting kit
UMS-R06947.C



Mounting stone with bushings and holes for mounting chuck/ reference elements.
Use together with existing measuring machine or surface plate.
Note: without dial indiactor measuring inch.
· Dimensions 300×200x100mm
· Preselting stone
· Measuring stand
· Dial indicator (measures in mm)

Clamp kit M6
UMS-R06816

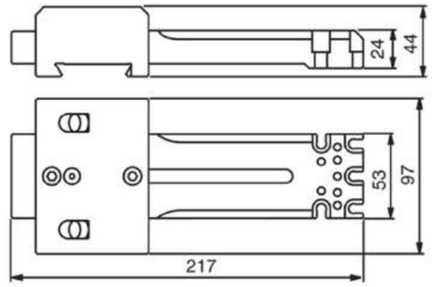


For clamping workpieces on rulers, etc.
· Weight 1.8kg

Adjustable support WEDM
UMS-R06865

· Adjustoble length 38-138 mm
· Adjustable height 0-0.2 mm
· Recommended maximum workpiece weight 20 kg





Zeroline Mini
UMS-R06866

UMS-R06982 Clamping support 300 x1
UMS-R06984 Clamping support 180 x1
C 666 052 Support lips +5, 2 pcs.
N 150 000 Support lips +4, 4 pcs.
C 666 022 Support lips 0, 4 pcs.
S 150 350 Set screws/prolongations M8
N 153 010 Bushings M8 (incl. screws), 6 pcs.
E 100 007 Set hexagon Allen wrench x1

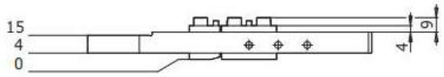


Zeroline Mini
UMS-R06866.b

UMS-R06982	300	x1
UMS-R06983	180	x1
C666020 Clamping support	300	x1
C666040 Clamping support	180	x1
E 100 007 Set hexagon Allen wrench		x1

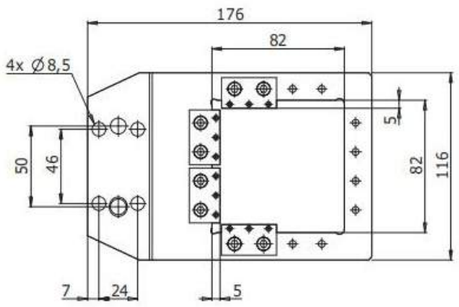


Clamping Frame
UMS-R06979



Carrier for flat round or cubic workpieces up to 80x80 mm.
Note: Mounts on HR, Magnum or MacroTwin levelling adapter.

· Funcional height 13 mm
· Clamping range round or cubic up to 80mm/
maximum workpiece height 12 mm
· Maximum workpiece weight 1.5 kg
· Maximum workpiece dimensions Ø80 mm or 80x80 mm
· Weight 0.9 kg



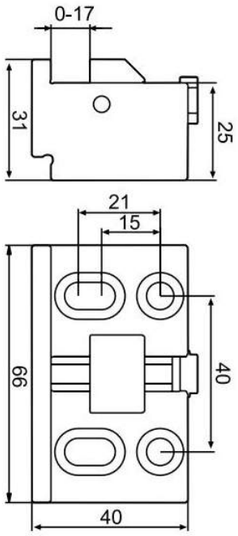


Vice
UMS-R06980

For clamping workpieces up to 17 mm. Mounts on HE-R06741, HE-R06824, HE-R06786 or rulers in the 3Ruler system.

· Tightening torque 3 Nm
• Weight 0.5 kg

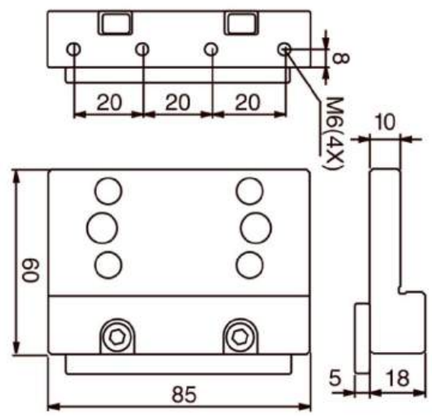




Adapter
UMS-R06824

For mounting UMS-R06980 ,UMS-R06879 and UMS-R06942 on a levelling adapter.
• Weight 0.6 kg

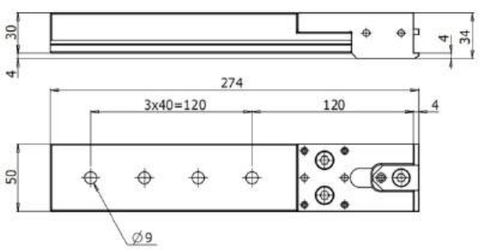




ICS Slide clamp 30
UMS-R06970

· The main application of the ICS clamp is fixing workpieces of different dimensions in position from two sides.
Consisting of:
C 551 350 ICS Clamping head D
N 460 600 ICS Slide D
· Funcional height 30 mm
· Weight 3.0 kg



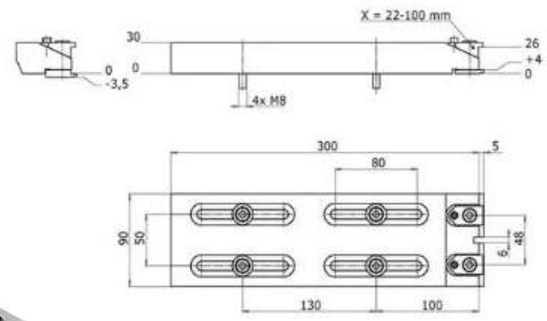


ICS Zeroline clamping support 300
UMS-R06982

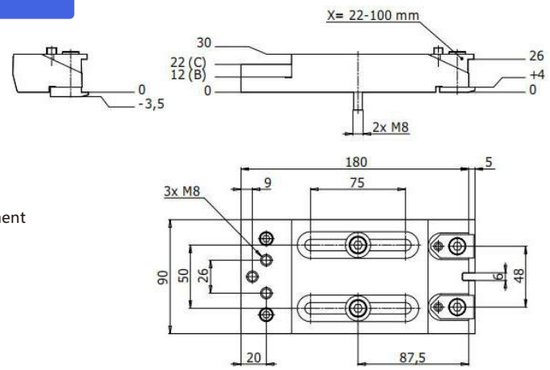
Clamping suppor for the direct installation on WEDM machine table.

· Supportlips 。+4"and ,0"
· Recommended maximum workpiece weight 50 kg in application as support element





ICS Zeroline clamping support 180
UMS-R06983

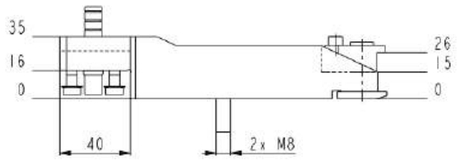


Clamping support for the direct installation on WEDM machine table.

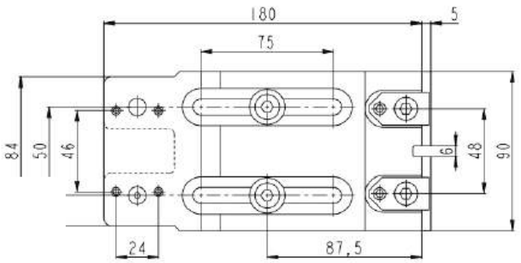
- Support lips „+4 “ and „0 “
- ICS adaptation B&C for the installation of ICS clamps & holders
- Recommended maximum workpiece weight 50 kg in application as support element



Zeroline clamping support 180
UMS-R06984



3R Zeroline clamping support 180, C 666 050 Clamping support for the direct installation on WEDM machine table.
Support lips “+5”, “+4” and “0”
3R interface for the installation of standard and HP holders and vices Recommended maximum workpiece weight 50 kg in application as support element
Weight 3.2 kg

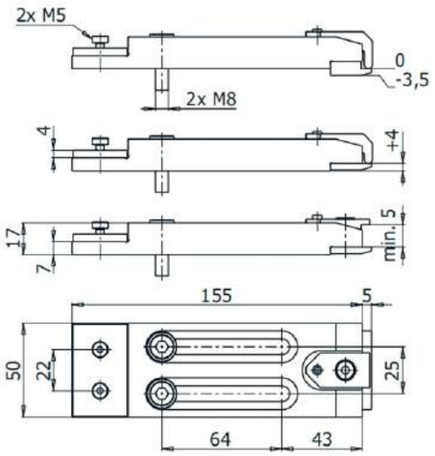




ICS Zeroline
UMS-R06985

Clamping support for the direct installation on WEDM machine table.
Support lips „+4 “ and „0 “
ICS adaptation A for the installation of ICS clamps & holders
Recommended maximum workpiece weight 3 kg in application as support element
Weight 0.9 kg.

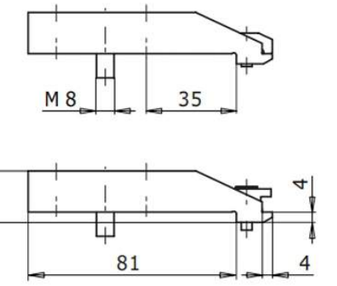


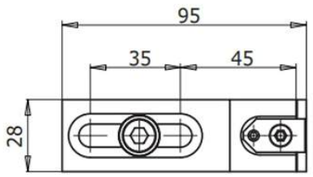


ICS Zeroline
UMS-R06986

Clamping support for the direct installation on WEDM machine table.
Functional height: clamping of workpiece on Z = “0 “ Recommended maximum workpiece weight 20 kg in application as support element
Weight 0.25 kg.



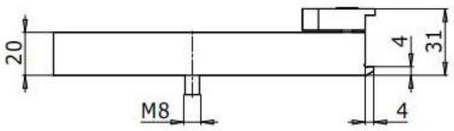


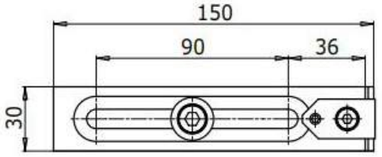


ICS Zeroline
UMS-R06987

\Clamping support for the direct installation on WEDM machine table.
Functional height: clamping of workpiece on Z = “+4 “ mm
Recommended maximum workpiece weight 20 kg in application as support element
Weight 0.5 kg



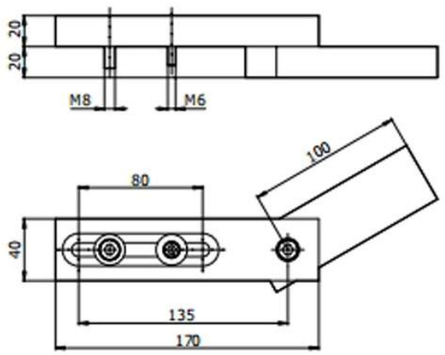




Reference ruler
UMS-R06988

Tool for setting workpieces to Zeroline on machine tables.
Weight 1.5 kg

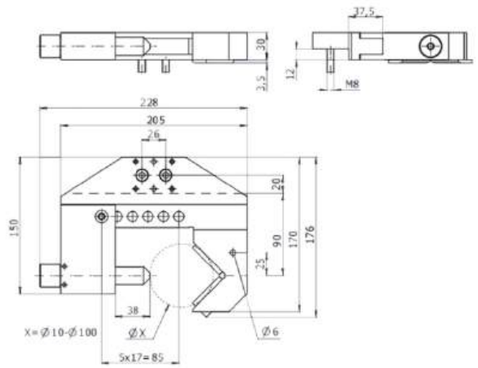




ICS V-block vice B D10-100 UMS-R07064

Application: Workpiece holder for round parts.
Functional height 30 mm
Clamping range Ø10 – 100 mm
Maximum workpiece weight 10 kg
Maximum workpiece dimensions Ø100 x 150 mm
Weight 4.0 kg

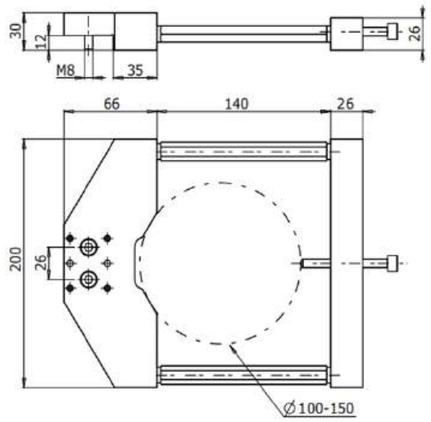




ICS V-block B D100 - 150
UMS-R07065

Application: Workpiece holder for round parts.
Functional height 30 mm
Clamping range ø100 – 150 mm
Maximum workpiece weight 10 kg
Maximum workpiece dimensions Ø150 x 80 mm
Weight 3.4 kg

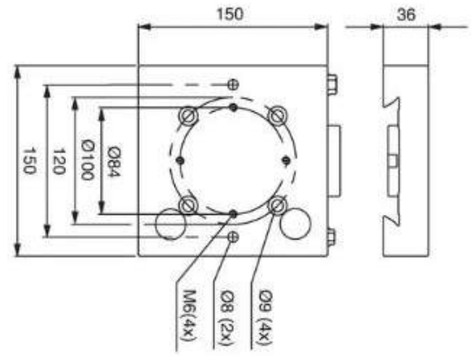




Manual chuck, Maxi
UMS-R06994

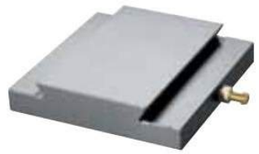
- For mounting on the machine spindle or on a machine table.
- Immersible
- Maximum electrode weight 500 kg
- Mechanical locking
- Weight 5 kg

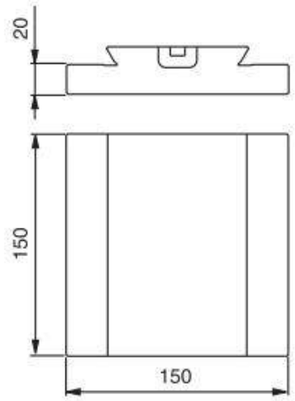




Pallet 150x150 mm, unhardened, Maxi
UMS-R06995

- Unhardened
- Flushing connection
- Flushing duct
- Weight 4.4 kg





Pallet 150x150 mm,Maxi
UMS-R06996

Pallet with 16 clearance holes for M6 screws and eight M6 threads.

- Hardened
- Weight 4.6 kg



