Handles

Aluminum / Sheet Metal / U-shaped

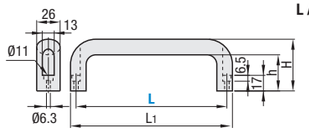
External

Aluminum Handles

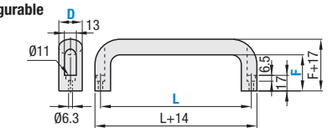
RoHS 10

Type: L Dimension Selectable	Type: L / F Configurable	Material	Surface Treatment
(1) UADL	UADLF	Aluminum Alloy	Tumble Polish
(2) UADR	UADRF		Electrostatic Coating (Matte Black)
(3) UADLA	—		Buffed Surface
(4) UADEL	—		Clear Anodize
(5) UADS	UADSF	304 Stainless Steel	Sandblasting

L Fixed



L / F Configurable



Part Number Type	L	L_1	H	h	Allowable Load (N)
L Fixed	100	114	47	30	1200
UADL	116	130	53	36	1200
UADR	132	146	55	38	800
UADLA	150	164	67	50	600
UADEL	164	178	57	40	600
UADS	196	210			390

L=100 and 150 are not available for UADLA and UADEL types.

Part Number Type	D	1 mm Increment L	1 mm Increment F	Allowable Load for Reference (N)
L / F Configurable UADLF UADRF UADSF	26	100–200	30–50	390–1200

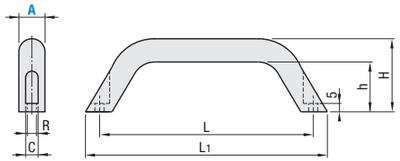
Part Number Example

Part Number	-	L	-	F
UADR		116		
UADLF26	-	100	-	40

"-" is not necessary for L Fixed Type.

Aluminum Handles

Type	Material	Surface Treatment
(1) HHDF	Aluminum Alloy	Electrostatic Coating (Mat Black)
(2) HHDFL	Aluminum Alloy	Tumble Polish
(3) HHDFA	Aluminum Alloy	Buffed Surface

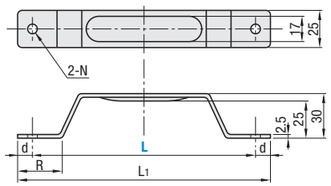


Part Number Type	A	Extrusions (Series)	L	L_1	H	h	R	C	Mass (g)	Screws / Nuts: Screws	Quantity	Nuts	Quantity
HHDF	19	HFS5	90	107	41	29	5.3	9	64	CBM5-10	2	HNTT5-5	2
HHDFL	20	HFS6	93.5	112	44	31	6.5	10.5	110	CBM6-12		HNTT6-6	
HHDFA	26	HFS8 HFS8–45	130	149	57	40	8.5	13.3	250	CBM8-15		HNTT8-8	

Sheet Metal Handles

RoHS 10

Type	Material	Surface Treatment
UWDSU	1018 Carbon Steel or Equivalent	Chrome Plating
UWDSUS	304 Stainless Steel	Buffed Surface



Part Number Type	L	L_1	R	d	N	Allowable Load (N)	Mass (g)
UWDSU Steel	80	96	20	8	5.5	400	61
UWDSUS Stainless Steel	100	116	23			380	70
	150	170	30	10	6.5	160	93

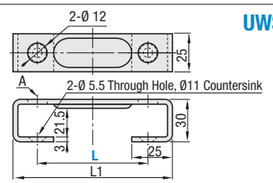
Part Number Example

Part Number
UWDSUS

Sheet Metal U-shaped Handles

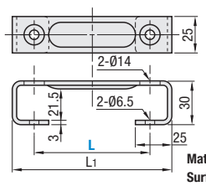
RoHS 10

UWASUS



There is a Ø12 through hole on A after spec. revision (after June 2010).

UWSUSD



Material: 304 Stainless Steel
SurfaceTreatment: Finish Buffed

Part Number Type	L	L_1	Mass (g)
UWASUS UWSUSD	68	98	105
	100	130	120
	110	140	130
	120	150	135
	150	180	155
	188	218	185
	238	268	215
	288	318	235

Part Number Example

Part Number
UWASUS100

Handles

Designer / Cast

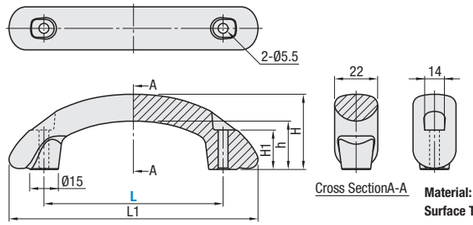
External

Feature: Designed to be aesthetically pleasing and easy to grip.

Designer Handles

RoHS 10

UWSD



Material: 304 Stainless Steel
Surface Treatment: Finish Buffed

Part Number Type	L	L_1	H	h	H_1	Allowable Load (N)	Mass (g)
UWSD	100	139	42	27	21	500	337
	150	190	44	29	17		434

Application Example

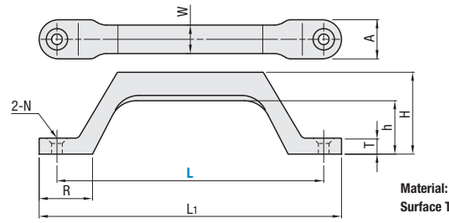
Part Number Example

Part Number
UWSD150

Cast Handles

RoHS 10

UWASND



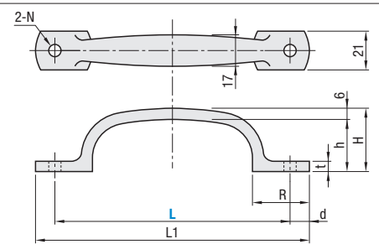
Material: 304 Stainless Steel Equivalent
Surface Treatment: Finish Buffed

Part Number Type	L	L_1	H	h	T	A	W	R	N: Through	N: Countersunk	Allowable Load (N)	Mass (g)
UWASND	80	96	32	20	6	18	12	20	4.5	8.5	500	97
	100	116						23				116
	150	170	46	30	9	22	16	30	6.5	12.5		301
	200	220	46	30	9	22	16	30	6.5	12.5		354

Cast Handles

RoHS 10

UWANDC



Material: 304 Stainless Steel Equivalent
Surface Treatment: Finish Buffed

Part Number Type	L	L_1	H	h	T	R	D	N	Allowable Load(N)	Mass (g)
UWANDC	105	120	30	24	5	25	7.5	5.5	13500	83
	115	130	33	27	5	26	7.5	5.5	12700	90
	125	145	34	28	5.5	30	10	6.5	12900	106

Part Number Example

Part Number
UWASND100
UWANDC125