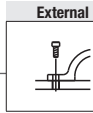


# Angled Handles

Aluminum / Casting Offset / Aluminum Hollow / Small Diameter Aluminum Hollow Type



**Aluminum Type**

**HHDNFA**

Material: Aluminum Alloy  
Surface Treatment: Baking Finish

**Application Example**

Part Number	Allowable Load (N)	Mass (g)
HHDNFA	1100	105

**Casting Offset**

**UWASNDF**

Countersink for 2-M4 Screw

Material: 304 Stainless Steel Equivalent  
Surface Treatment: Finish Buffed

Part Number	L	L <sub>1</sub>	Allowable Load (N)	Mass (g)
UWASNDF	80	98	500	100
	100	118		110
	150	168		130

Part Number Example: HHDNFA112, UWASNDF100

**Aluminum Hollow Type**

**UHFAP**  
**UHFAPFC** L Dimension Configurable

Part Name: Hollow, Elbow  
Material: 6063 Aluminum Alloy, Glass Fiber Reinforced Nylon

**L Dimension Selectable**

Part Number	L	Applicable Screws
UHFAP L Dimension Selectable	150, 200, 250, 300, 400, 500, 600	Countersunk Screws M8

**L Dimension Configurable**

Part Number	L	Applicable Screws
UHFAPFC L Dimension Configurable	100-150, 151-200, 201-250, 251-300, 301-400, 401-500, 501-600	Countersunk Screws M8

**Small Dia. Aluminum Hollow Type**

**UHFAPC**  
**UHFAPFC** L Configurable Type

Part Name: Hollow, Elbow  
Material: 6063 Aluminum Alloy, Polycarbonate

**L Fixed**

Part Number	L	Applicable Screws
UHFAPC	100, 150, 200, 250, 300	Hex Socket Head Cap Screw M6

**L Configurable**

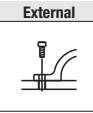
Part Number	L	Applicable Screws
UHFAPFC	100, 150, 200, 250, 300	Hex Socket Head Cap Screw M6

Part Number Example: UHFAP - 150, UHFAPFC - 225

\*"-" is not necessary for L Fixed Type.

# Handles / Mounting Plates for Handle

Small Resin External / Nylon 6



**Small Resin External Handles**

**UPCNN**

Material: Glass Fiber Reinforced Nylon 6

Part Number	Allowable Load (N)	Mass (g)
UPCNN	200	25

Part Number Example: UPCNN

**Handles - Nylon 6**

**UPCN**

Material: Glass Fiber Reinforced Nylon 6

Part Number	Handle Colors	H	h	L	L <sub>1</sub>	R	C	L <sub>r</sub>	L <sub>c</sub>	Allowable Load (N)	Mass (g)		
UPCN	B (Black), W (White), M (Orange), R (Red), G (Green)	19	36	30	90	108.5	5.5	9.5	11	6	500	23	
		21	51	45	93.5	112	6.5	10.5	13	7		24	
		26	41	34	117	139	8.5	13.3	15	9		25	
		27	57	50	132	156						28	
		28	45	37	152	177	6.5	10.5	13	7		38	
			63	55	179	204	8.5	13.3	17	9		48	
			52	42									54
			71	63									62
													66
													68
													86

The default handle color will be black unless specified. The default H dimension will be A19-H36, A21-H36, A26-H41, A27-H45 and A28-H50 unless specified. H=52 is available only with black color.

Part Number Example: UPCN21 - B - 51

**Application Example**

**How to mount on Aluminum Extrusions.**

**How to Use a Reinforcement Plate**

A reinforcement plate prevents cracks and distortions, and is effective for thin panels.

**Mounting Plates for Handle**

**UPCNAT**

Material: 304 Stainless Steel

Part Number	L	L <sub>1</sub>	A	B	N	Handles	Reference Mass (g)
UPCNAT	90	108.5	19	9.25	5.5	UPCN19	31
	93.5	112	21		6.5	UPCN21	36
	117	139	26	11	UPCN26	55	
	132	156	27	12	UPCN27	64	
	179	204	28	12.5	UPCN28	88	

Part Number Example: UPCNAT117