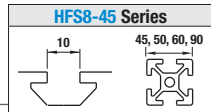


Long Nuts

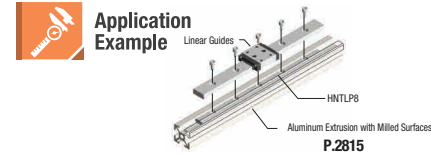
For HFS8-45 Series Aluminum Extrusions 45, 50, 60, 90 mm Square



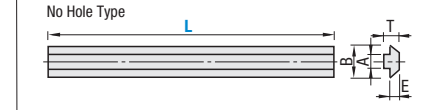
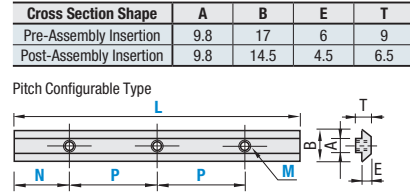
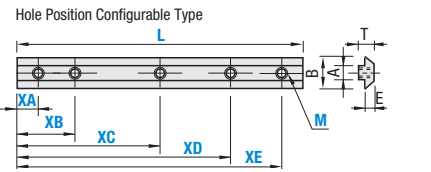
Tightening Torque P.2895



Type		Material	Surface Treatment	Reference Tightening Torque (N·m)
Pre-Assembly Insertion	Post-Assembly Insertion			
HNTLF8	HNTALF8	1010 Carbon Steel Equivalent	Trivalent Chromate	23.5
HNTLP8	HNTALP8			
HNTLS8	HNTALS8			
SHNTLF8	SHNTALF8			
SHNTLP8	SHNTALP8	303 Stainless Steel	—	—
SHNTLS8	SHNTALS8			



Reference Tightening Torque (N·m)	
M	1010 Carbon Steel Equivalent / 303 Stainless Steel
8	23.5



Part Number		L
		1 mm Increment
Pre-Assembly Insertion	Post-Assembly Insertion	Pre-Assembly Insertion 50-2000 Post-Assembly Insertion 50-1000
HNTLF8 SHNTLF8	HNTALF8	

Part Number		L	M	N	P	Number of Taps
		1 mm Increment		1 mm Increment	1 mm Increment	S
Pre-Assembly Insertion	Post-Assembly Insertion	Pre-Assembly Insertion 50-2000 Post-Assembly Insertion 50-1000	4 5 6 8	5 ≤ N ≤ L-5	2M ≤ P ≤ L-2M	2 ≤ S ≤ 20
HNTLP8 SHNTLP8	HNTALP8 SHNTALP8					

Part Number		L	M	XA-XE
		1 mm Increment		1 mm Increment
Pre-Assembly Insertion	Post-Assembly Insertion	Pre-Assembly Insertion 50-2000 Post-Assembly Insertion 50-1000	4 5 6 8	5 - (L-5)
HNTLS8 SHNTLS8	HNTALS8			

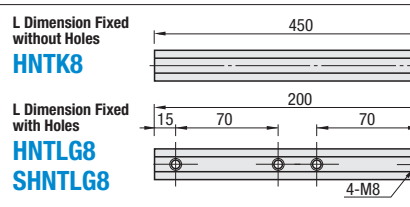
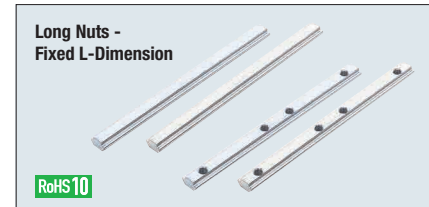
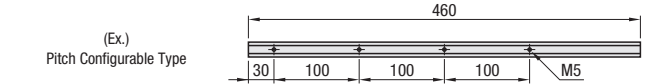
Number of tapped holes can be specified between 1-5.

Part Number Example

Part Number - L
 HNTLF8 - 1800
 HNTALF8 - 400

Part Number - L - M - N - P - S
 HNTLP8 - 460 - M5 - N30 - P100 - 4
 HNTALP8 - 210 - M8 - N8 - P16 - 8

Part Number - L - M - XA - XB - XC - XD - XE
 HNTLS8 - 1050 - M8 - XA20 - XB105 -
 SHNTLS8 - 1050 - M8 - XA20 - XB105 - XC250 - XD500 - XE755
 HNTALS8 - 1000 - M8 - XA25 - XB55 - XC78 - XD975 - XE992



Reference Tightening Torque (N·m)	
M	1010 Carbon Steel Equivalent / 303 Stainless Steel
8	23.5

Type	Materials	Surface Treatment
HNTK8	1010 Carbon Steel Equivalent	Trivalent Chromate
HNTLG8	303 Stainless Steel	—
SHNTLG8		

Fixed L-Dimension without Holes	
Part Number	HNTK8

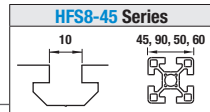
Fixed L-Dimension with Holes	
Part Number	HNTLG8
	SHNTLG8 Stainless Steel

Part Number Example		Part Number Alterations	
Part Number	HNTLG8	Part Number	(SET)
		HNTLG8	- SET

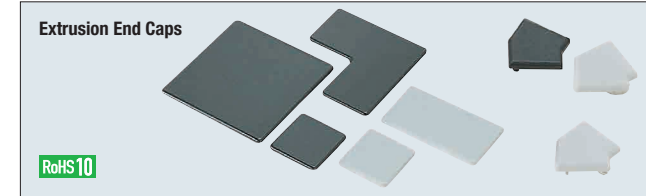
Alteration	Code	Spec.	Type	
Hex Socket Set Screw Set	SET	Hex socket set screws come as a set.	HNTLG8	
		Type	Set Screw	Qty.
		HNTLG	MSSK	4
		SHNTLG	MSSU	4

Extrusion End Caps

HFS8-45 Series



Features: Standard caps for protecting frame end faces. Alterations are not required. When the cap is hard to insert, tap with a wooden or plastic hammer.



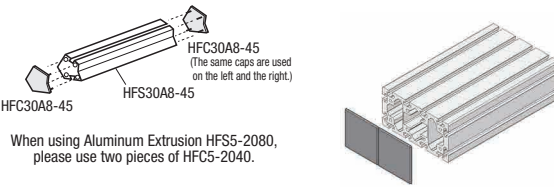
Type	Material
HFC	Polyamide
HFCL	Low Density Polyethylene

Some products are not required to specify colors. In that case, color is black.
 The pin's shape and numbers of extrusion on end caps may be changed to prevent caps from easily falling off.

Part Number	Type	No.	Color	Applicable Extrusion
HFC8		4545	B Black	HFS8-4545
		4590		HFS8-4590
		9090		HFS8-9090
		909045		HFS8-909045
HFC8		HFC30A8-45	S Light Gray	HFS30A8-45
		HFC45A8-45		HFS45A8-45
		HFC60A8-45		HFS60A8-45
		HFCR8-4545		HFSR8-909045
HFC8		5050		HFS8-5050
		50100		HFS8-50100
HFC6-8		6060		HFS8-6060 (HFS6-6060)

HFC and HFCL can be used for each Aluminum Extrusion other than GFS Series.
 HFC and HFCL can be used for each Aluminum Extrusion other than GFS Series.
 For Aluminum Extrusions other than GFS Series, the same extrusion end caps as of HFS Series can be used.
 For caps for GFS Series, see P.2841
 HFC8-5050 cannot be used for HFS6-5050 extrusion.
 HFC6-8-6060 can be used for both HFS6-6060 and HFS8-6060.

Part Number Example	Part Number	Color
	HFC30A8-45	B



Aluminum Extrusions & Brackets

Aluminum Extrusions & Brackets