

GW304-HLF Large Flange Hexagonal Threaded Insert

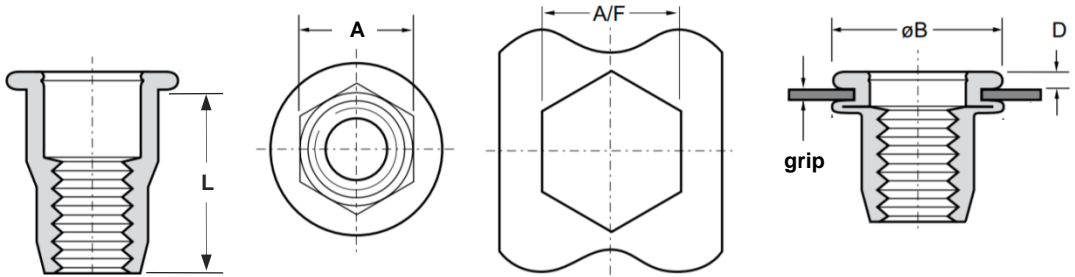
Stainless steel 304 · Large flange · Hexagonal · Open end
M4 - M12

Features

- Designed to provide load bearing threads in thin sheet materials
- Large flange head provides a load bearing surface and reinforces the hole to prevent push-out
- Hexagonal section and bore improves torque-to-turn in components via form lock when compared to round and splined inserts

Material

- Stainless steel 304



Before Placement

After Placement

Part No.	Thread Size	Grip Range		Hole Size A/F	A	øB	D	L
		min.	max.					
GW304-HLFM4-0520	M4	0.5	2.0	6.0	6.0	9.0	1.0	11.0
GW304-HLFM4-1030		1.0	3.0					12.0
GW304-HLFM5-0530	M5	0.5	3.0	7.0	7.0	10.0	1.0	11.5
GW304-HLFM5-3050		3.0	5.0					13.5
GW304-HLFM6-0530	M6	0.5	3.0	9.0	9.0	12.0	1.5	14.5
GW304-HLFM6-3050		3.0	5.0					16.5
GW304-HLFM8-0530	M8	0.5	3.0	11.0	11.0	15.0	1.5	16.0
GW304-HLFM8-3055		3.0	5.5					18.5
GW304-HLFM10-0835	M10	0.8	3.5	13.0	13.0	17.0	1.5	21.5
GW304-HLFM10-3560		3.5	6.0					24.0
GW304-HLFM12-3070	M12	3.0	7.0	16.0	16.0	23.0	2.0	28.0

Thread Size	Max. torque	Pull-out	Torque-to-turn	Shear strength
	Nm max.	Kn	Nm	kN
M4	> ~7.1	> ~10.8	~6.0	~3.7
M5	~15.0	> ~15.5	> ~9.0	~4.8
M6	> ~23.0	~24.5	> ~22.0	~7.2
M8	> ~64.0	~39.0	~32.0	~9.4
M10	> ~70.0	> ~43.0	> ~50.0	~10.2
M12	> ~130.0	> ~70.0	> ~70.0	~14.6