

## GW304-HLP Low Profile Hexagonal Threaded Insert

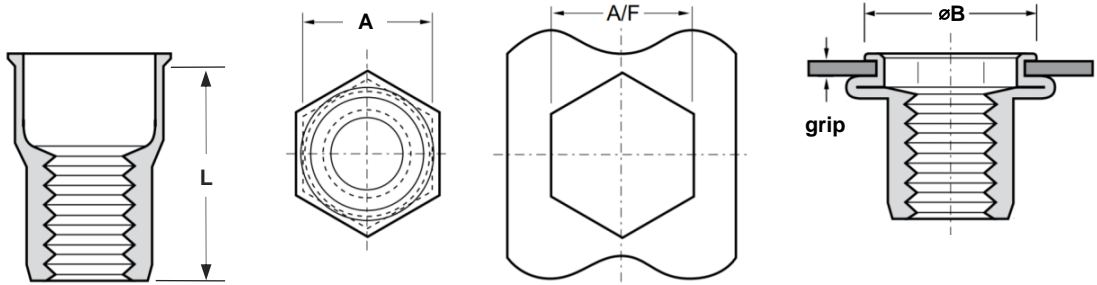
Stainless steel 304 · Low profile · Hexagonal · Open end  
M4 - M12

### Features

- Designed to provide load bearing threads in thin sheet materials
- Low profile head allows near flush fit to application
- 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-HLPM4-0520	M4	0.5	2.0	6.0	6.0	6.5	0.5	11.0
GW304-HLPM4-2030		2.0	3.0					
GW304-HLPM5-0530	M5	0.5	3.0	7.0	7.0	7.5	0.5	12.0
GW304-HLPM5-3050		3.0	5.0					
GW304-HLPM6-0530	M6	0.5	3.0	9.0	9.0	9.7	0.5	14.5
GW304-HLPM6-3050		3.0	5.0					
GW304-HLPM6-5070		5.0	7.0					
GW304-HLPM8-0530	M8	0.5	3.0	11.0	11.0	11.8	0.5	16.0
GW304-HLPM8-3055		3.0	5.5					
GW304-HLPM8-5580		5.5	8.0					
GW304-HLPM10-0835	M10	0.8	3.5	13.0	13.0	13.8	0.7	21.0
GW304-HLPM10-3560		3.5	6.0					
GW304-HLPM12-4070	M12	4.0	7.0	16.0	16.0	17.5	1.1	29.4

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