

GWST-CHP Low Profile Hexagonal Closed End Threaded Insert

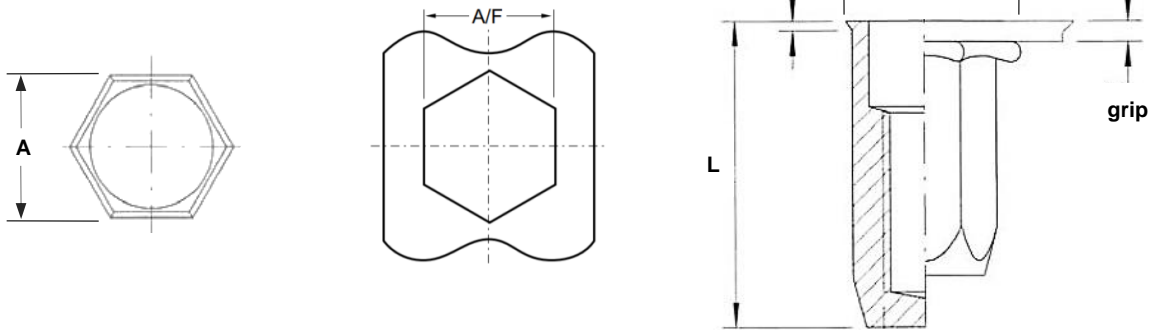
Steel - Low profile- Full hexagonal - Closed end
M4 - M10

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
- Closed end prevents the ingress of dirt and fluids into thread and electrical circuits

Material

- Steel, zinc plated



Part No.	Thread Size	Grip Range		Hole Size A/F	A	B	D	L
		min.	max.					
GWST-CHPM4-0520	M4	0.5	2.0	6.0	6.0	6.6	0.6	15.5
GWST-CHPM5-0530	M5	0.5	3.0	7.0	7.0	7.7	0.6	20.0
GWST-CHPM5-3055		3.0	5.5					22.5
GWST-CHPM6-0530	M6	0.5	3.0	9.0	9.0	9.8	0.7	22.0
GWST-CHPM6-3055		3.0	5.5					24.5
GWST-CHPM8-0530	M8	0.5	3.0	11.0	11.0	11.8	0.7	25.0
GWST-CHPM8-3055		3.0	5.5					27.5
GWST-CHPM10-0835	M10	0.8	3.5	13.0	13.0	13.8	0.7	32.0

Thread Size	Max. torque	Pull-out	Torque-to-turn	Shear strength
	Nm max.	Kn	Nm	kN
M4	> ~7.5	~8.8	> ~5.5	~2.6
M5	~12.0	> ~12.0	> ~6.5	~3.6
M6	> ~24.5	~23.0	> ~21.0	~5.1
M8	> ~50.0	~32.8	> ~30.0	~6.6
M10	> ~70.0	> ~40.0	~50.0	~7.9