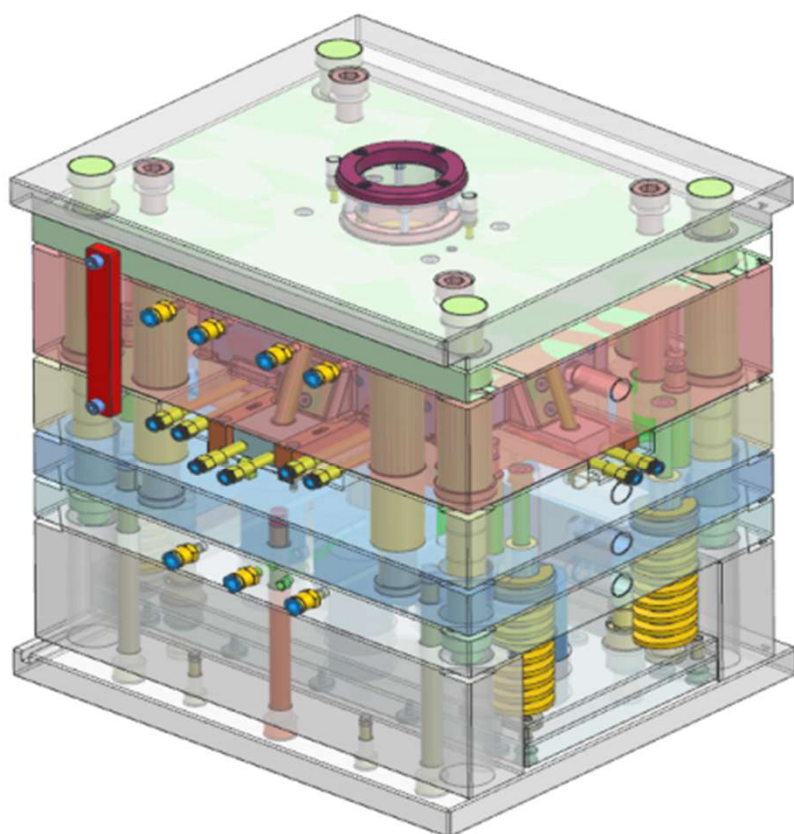




安稳航空紧固件
Sicher Aero Fasteners

www.SicherAero.com

模具行业高强度紧固件



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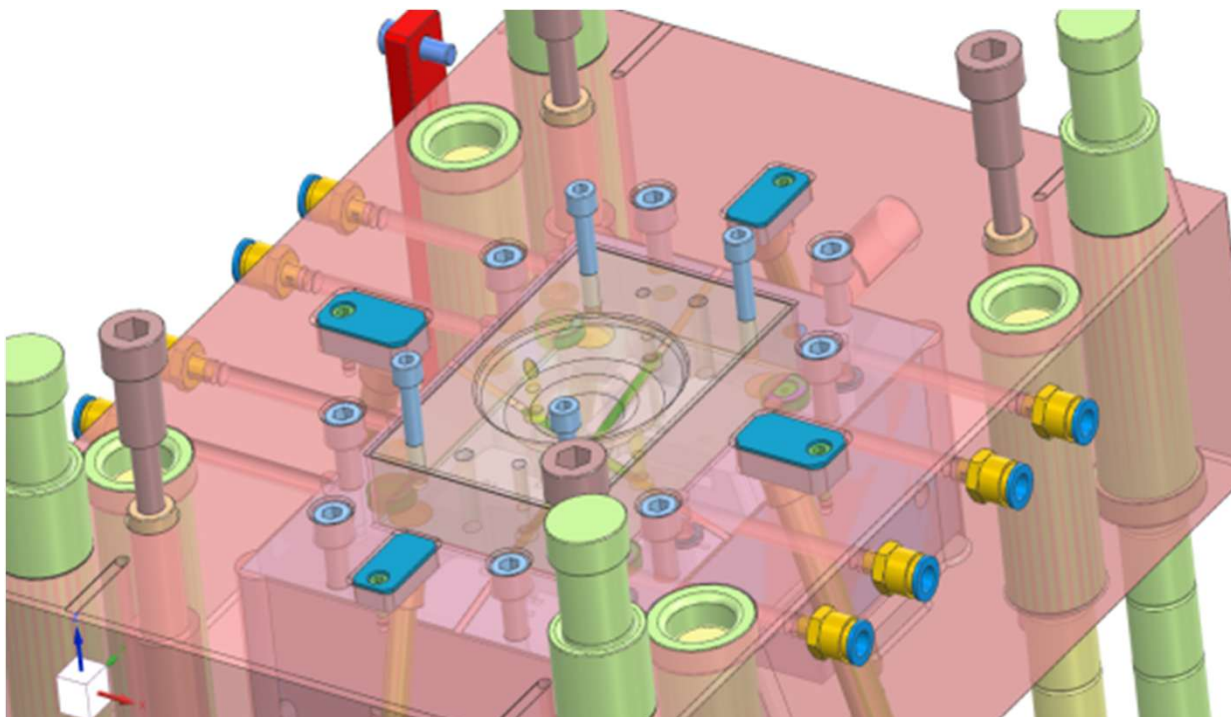
内六角圆柱头螺钉系列

HEXAGON SOCKET HEAD CAP SCREWS

在模具行业中的使用场景

内六角螺丝头部低矮可沉孔安装，扭力承载力强、适配狭小模腔空间，多强度等级碳钢、合金钢材质可选，广泛紧固模架、模仁、滑块、热流道及顶出组件，适配塑胶、压铸、冲压各类模具。

Hexagon socket head cap screws feature low-profile countersunk head and high torque resistance, suitable for narrow mold space. Carbon steel and alloy steel in various strength grades are available, widely used for fastening mold bases, cavities, slides, hot runners and ejection parts in plastic, die-casting and stamping molds.



内六角圆柱头螺钉系列

HEXAGON SOCKET HEAD CAP SCREWS

METRIC HEXAGON SOCKET HEAD CAP SCREWS

公制内六角圆柱头螺钉



規 範	According To	DIN912-1983			
强度區分	Strength Grade	12.9	10.9	8.8	
				d≤16	d>16
硬 度	Hardness	HRC 39-44	HRC 32-39	HRC 22-32	HRC 23-34
抗拉强度	Tensile Strength	1220N/mm ²	1040N/mm ²	800N/mm ²	830N/mm ²
材 質	Material	Alloy Steel		Carbon Steel	
表面處理	Surface Treatment	Black Oxide			
螺紋等級	Class of thread	5g6g	6g		

ASME HEXAGON SOCKET HEAD CAP SCREWS

美制内六角圆柱头螺钉



規 範	According To	ASME B18.3-1998
材 質	Material	Alloy Steel
硬 度	Hardness	HRC 39-45
螺紋種類	Type of thread	ANSI B1.1 UNC,UNF
螺紋等級	Class of thread	#6 Through 1 in.-3A
		Over 1 in.-2A
表面處理	Surface Treatment	Black Oxide

BS HEXAGON SOCKET HEAD CAP SCREWS

英制内六角圆柱头螺钉



規 範	According To	BS 2470-1973
材 質	Material	Alloy Steel
硬 度	Hardness	HRC 38-45
螺紋種類	Type of thread	JIS B 0206 (Whitworth Coarse)
螺紋等級	Class of thread	JIS B 0210 Class 2(whith)
表面處理	Surface Treatment	Black Oxide

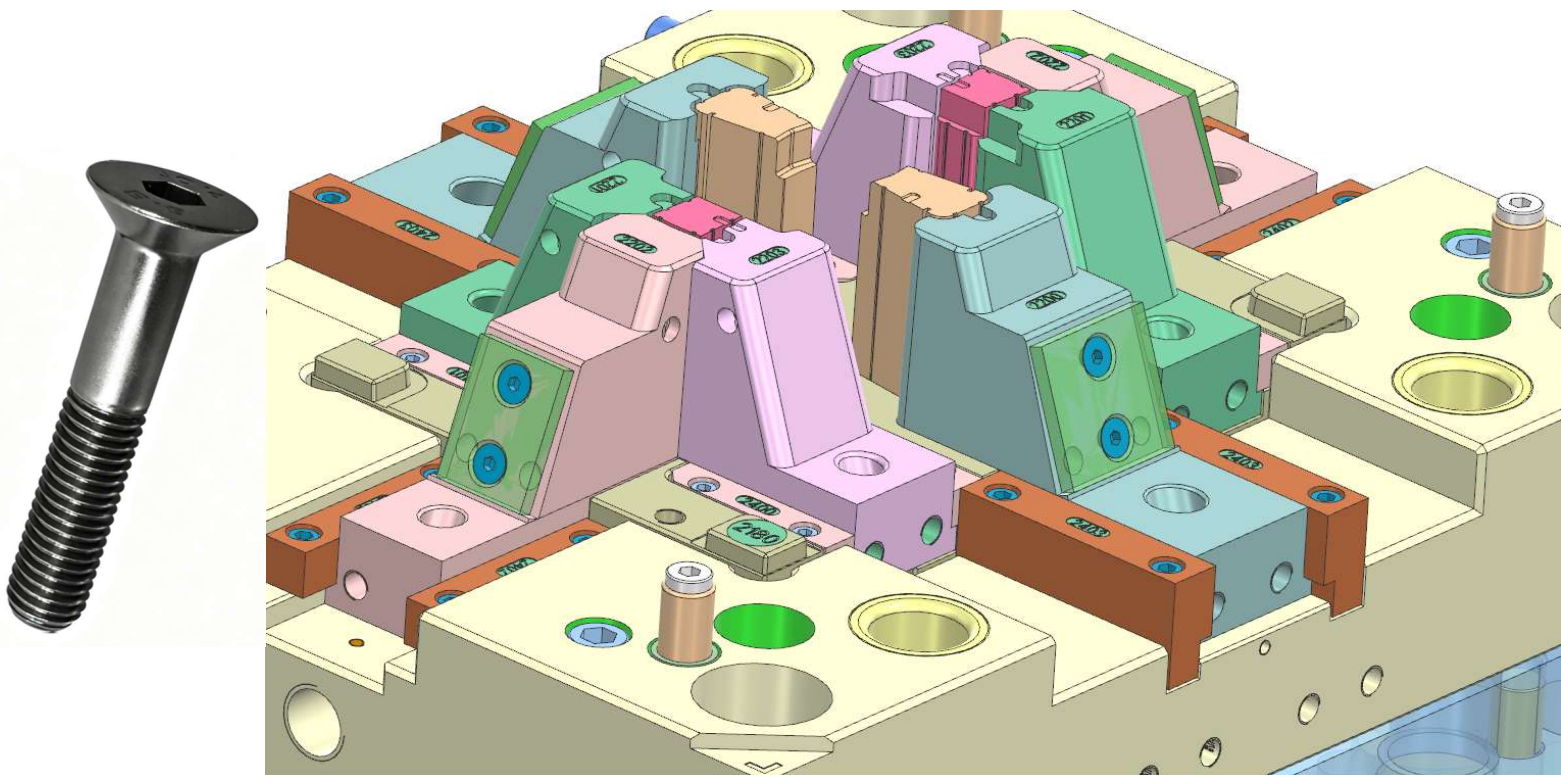
内六角沉头螺钉系列

HEXAGON SOCKET FLAT HEAD CAP SCREWS

在模具行业中的使用场景

内六角沉头螺钉头部可完全沉入模板，不干涉模具型腔、滑块与顶出机构运动，多强度碳钢、合金钢材质可选，广泛用于各类塑胶、压铸、冲压模具模仁、镶件、压块的紧固装配。

Hexagon socket flat head cap screws can be fully sunk into mold plates without interfering with the movement of mold cavities, slides and ejection components. Available in carbon steel and alloy steel of various strength grades, they are widely applied to fasten mold inserts, mold cores and clamping blocks for plastic, die-casting and stamping molds.



内六角沉头螺钉系列

HEXAGON SOCKET FLAT HEAD CAP SCREWS

METRIC HEXAGON SOCKET FLAT HEAD CAP SCREWS

公制内六角沉头螺钉



規 範	According To	DIN7991-1986	
材 質	Material	Alloy Steel	
强度區分	Strength Grade	12.9	10.9
硬 度	Hardness	HRC39-44	HRC32-39
螺紋等級	Class of thread	5g6g	6g
表面處理	Surface Treatment	Black Oxide	

ASME HEXAGON SOCKET FLAT HEAD CAP SCREWS

美制内六角沉头螺钉



規 範	According To	ASME B 18.3-1998	
硬 度	Hardness	HRC32-39	
材 質	Material	Alloy Steel	
螺紋種類	Type of thread	ANSI B1.1 UNC	
螺紋等級	Class of thread	ANSI B1.1 Class 3A	
表面處理	Surface Treatment	Black Oxide	

BS HEXAGON SOCKET FLAT HEAD CAP SCREWS

英制内六角沉头螺钉



規 範	According To	BS 2470-1973	
硬 度	Hardness	HRC32-39	
材 質	Material	Alloy Steel	
螺紋種類	Type of thread	JIS B 0206(Whitworth Coarse)	
螺紋等級	Class of thread	JIS B 0210 Class2 (Whith)	
表面處理	Surface Treatment	Black Oxide	

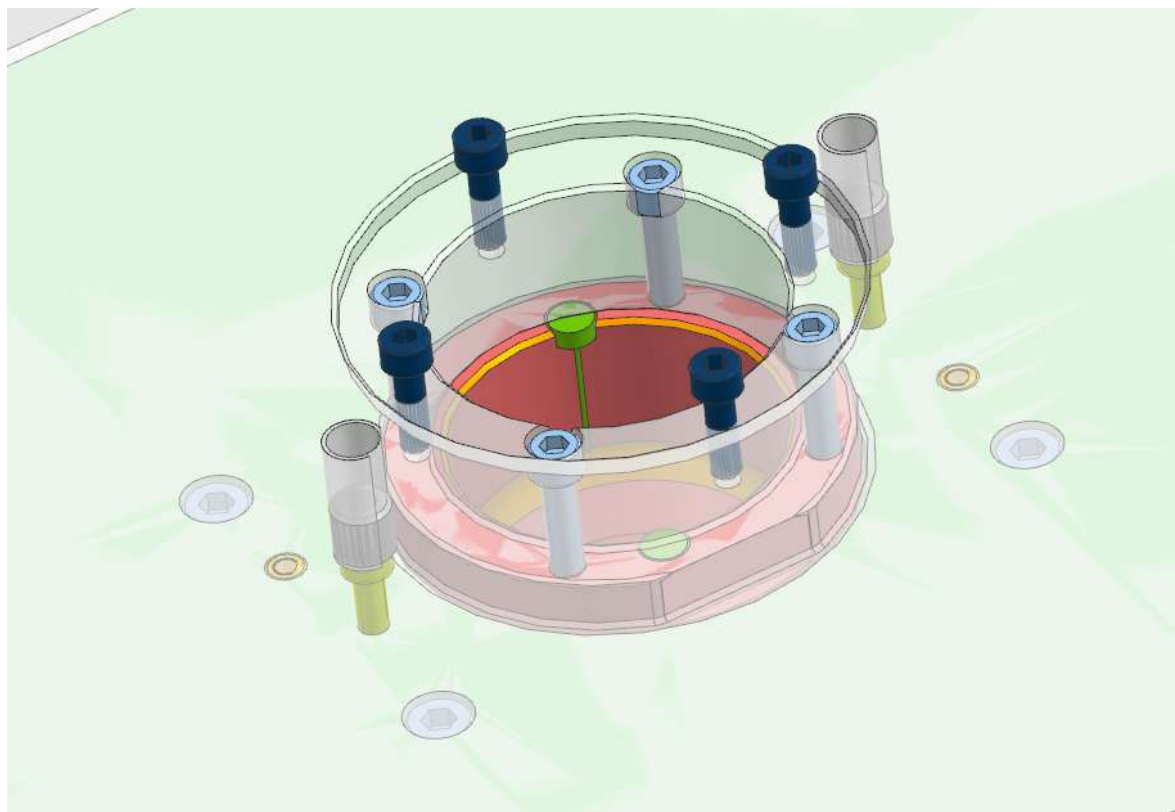
内六角紧定螺钉系列

HEXAGON SOCKET SET SCREWS

在模具行业中的使用场景

内六角紧定螺钉无外露头部，依靠端面顶紧固定镶件、导柱、限位块等模具配件，可精准限位防松，适配注塑、压铸、冲压各类模具，常用于定位止动、防转锁紧场景。

Hexagon socket set screws have no exposed head, they fasten mold inserts, guide pins and limit blocks by end face jacking, providing precise positioning and anti-loosening performance. Widely used in injection, die-casting and stamping molds for positioning, stopping and anti-rotation locking.



内六角紧定螺钉系列

HEXAGON SOCKET SET SCREWS

METRIC HEXAGON SOCKET SET SCREWS

公制内六角紧定螺钉



規 範	According To	DIN913 DIN914-1980
		DIN915 DIN916-1980
材 質	Material	Alloy Steel
螺紋等級	Class of thread	5g6g
表面處理	Surface Treatment	Black Oxide

ASME HEXAGON SOCKET SET SCREWS

美制内六角紧定螺钉



規 範	According To	ASME B 18.3-1998
硬 度	Hardness	HRC45-53
材 質	Material	Alloy Steel
螺紋種類	Type of thread	ANSI B1.1 UNC
螺紋等級	Class of thread	ANSI B1.1 Class 3A
表面處理	Surface Treatment	Black Oxide

BS HEXAGON SOCKET SET SCREWS

英制内六角紧定螺钉



規 範	According To	BS 2470-1973
硬 度	Hardness	HRC45-53
材 質	Material	Alloy Steel
螺紋等級	Class of thread	JIS B 0210 Class2
表面處理	Surface Treatment	Black Oxide

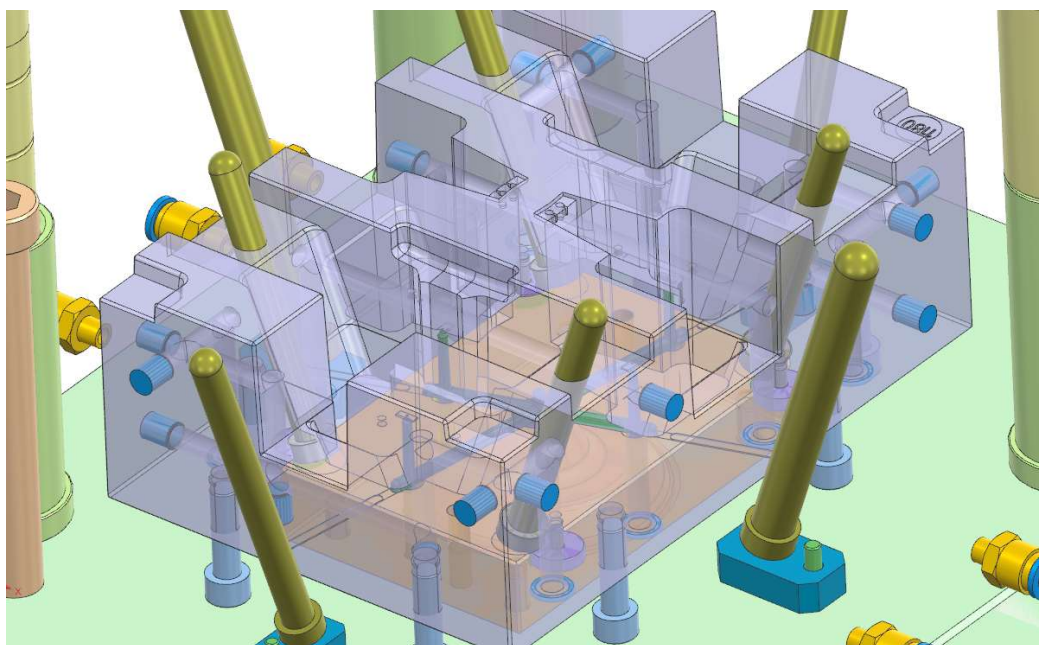
喉塞系列

SOCKET PIPE PLUGS

在模具行业中的使用场景

喉塞依靠锥管螺纹密封模具冷却水路孔，PT 喉塞为 55° 牙型，遵循 JIS B0203 标准，多用于日系、国产注塑压铸模具；NPT 喉塞是 60° 牙型，执行 ANSI B1.20.1 标准，适配欧美系列模具，二者螺纹不可互换，均可封堵水路、油路，拆装方便，密封稳定。

Socket pipe plugs seal cooling channels of molds via tapered pipe threads. PT plugs feature 55° thread conforming to JIS B0203, mainly used for Japanese and domestic injection & die-casting molds; NPT plugs adopt 60° thread under ANSI B1.20.1, matching European and American molds. These two threads are not interchangeable. Both can block water and oil passages with easy disassembly and stable sealing performance.

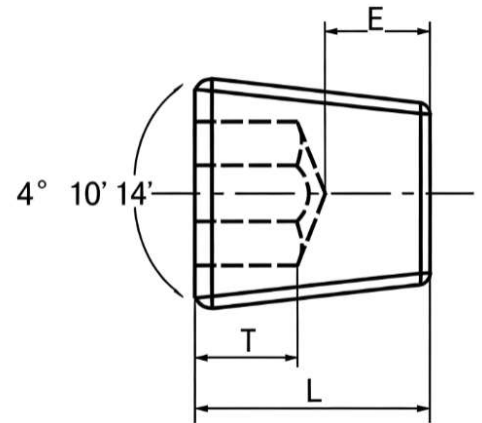
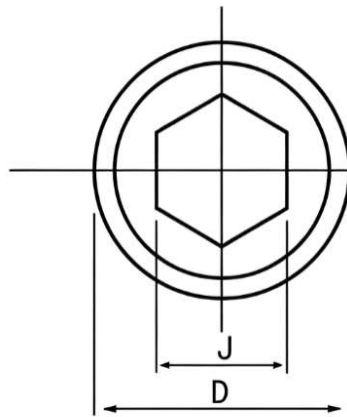


喉塞系列

SOCKET PIPE PLUGS

PT SOCKET PIPE PLUGS

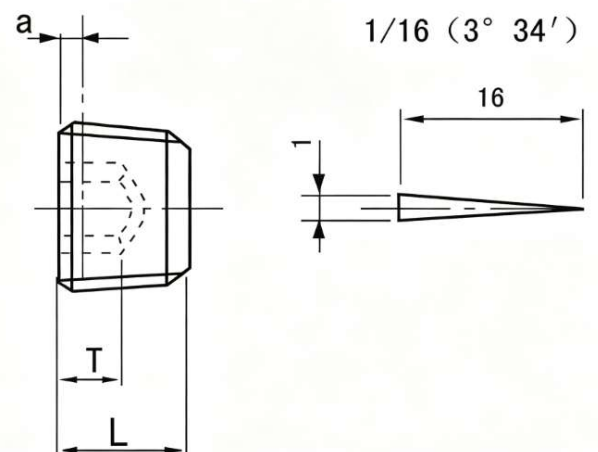
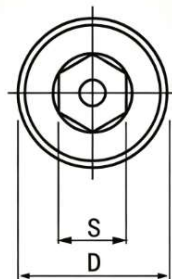
PT 喉塞



規	範	According To	ANSI B1.20.3-1976
材	質	Material	Alloy Steel
硬	度	Hardness	HRC 36-43

NPT SOCKET PIPE PLUGS

NPT 喉塞



規	範	According To	JIS
材	質	Material	Alloy Steel
硬	度	Hardness	HRC 36-43