

Quick-Change TSL Tool Stand Interfacing

Tooling Interface Configurations						
QC Model Tool Interface Style Assembly Number Customer Drawing Notes	200-210 Series Horizontal L-Bracket 9120-TSL-TP-4104 9230-20-1990 1		210 Series Integral Hooks 9121-NA2-T/NA3-T 9230-20-2801 1, 5, 6, 7 **Requires 9121-TSL-IP-5640		200-300 Series Integral Hooks 9121-TSL-TH-5641 9230-20-2804 1, 8	
Nest Interface Assembly Number Customer Drawing Notes	Pin and Bushing 9120-TSL-CMB-C500 9230-20-2799 2, 4		Hanger 9120-TSL-CMH-C500 9230-20-2802 2, 4		Hanger 9120-TSL-CMH-C800 9230-20-2805 2, 4	
Post Style Options Assembly Number Customer Drawing Notes	Post Module (Pin Style) 9120-TSL-PM-148B- 9230-20-2800 3, 4		Post Module - Hook 9120-TSL-PM-148H- 9230-20-2803 3, 4		Post Module - Hook 9120-TSL-PM-148H- 9230-20-2806 3, 4, 8	
TSL Sensor / Switch Options						
QC Model Tool Presence Sensing Assembly Number Customer Drawing Notes	200 Series Sensor Module 9120-TSL-SMA-5077 9230-20-2808 9, 10, 17		Any Series Barrel Prox. 8590-9909999-92 9230-20-2809 9, 10, 17		Any Series RFID System 9121-TSL-KT-5841 9230-20-2924 16	
TSI Switch Options Assembly Number Customer Drawing Notes	TSI Switch Assembly 9120-TSL-SS-3435 9230-20-3073 10, 11, 17		TSI Switch Assembly 9120-TSL-SS-5634 9230-20-2810 10, 11, 17		TSI Switch Assembly 9120-TSL-SS-5635 9230-20-2811 10, 11, 17	
TSL Debris Protection						
QC Model Debris Protection Assembly Number Customer Drawing Notes	Any Tool Changer Stand Alone Covers 9120-DC-201-09 9230-20-2735 2, 13		Any Tool Changer Actuated Covers 9120-TSL-DS-14-B3337 9230-20-1953 10, 12, 14		Any Tool Changer Actuators 9120-TSL-DSA-135-3498 9230-20-1953 10, 17	
TSL Standoff and Extension Options						
QC Model Standoff/Extension Assembly Number Customer Drawing Notes	Any Post Horizontal Extension 9120-TSL-HE12RH-C500 9230-20-3072 10, 15		Any Post Standoff/Brace 9120-TSL-PS-5636 9230-20-3073 10		Any Post Custom Arrangements 9120-TSL-ASY-XXXX 9230-20-3074 16	

- Notes:
- Tooling Plate listed has blank customer interface. Custom bolt pattern is available. Other brackets available, See ATI website.
 - Stand Alone units mount to customer-supplied structure.
 - Customer can specify single- or dual-sides.
 - Customer can specify rigid or compliant version.
 - For use with QC-210 Tool Body.
 - NA2-T is the right-hand version, NA3-T is the left-hand version.
 - Use corresponding NA2-M Master-side spacer unless unit is mounted on Flat A.
 - For Material Handling Applications. Customization is available upon request.
 - Prox. Sensor Detects Tool Presence. Sensor Shown is PNP, Shielded.
 - Other versions available upon request. See ATI web site.
 - Switch and Trip Dogs are also available separately.
 - Requires Shield Arms, such as 3700-20-4874.
 - Stand Alone Covers require robot to pick up and move.
 - Actuated Shields are available with leather side guards or foam inserts. See ATI web site for more information.
 - Horizontal Extension attaches Nest Interface Assembly to Post Weldment.
 - ATI can design custom complete tool storage arrangements, job-specific that are integrated with your tooling. Contact ATI for more information.
 - Mating cables include: 9120-C-4EM-4EF-010, 9120-C-4EM-4EF-020.