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Hi-Lok pins and collars

One data sheet per standard, transcribed from the standard itself: dimensions by size and every part number.

The family

Standard	Title	In short	Part numbers
HL10	Hi-Lok Pin, Protruding Shear Head, Titanium	protruding shear head, titanium	3
HL11	Hi-Lok Pin, 100° Flush Shear Head, Titanium	100° flush shear head, titanium	3
HL110	Hi-Lok Pin, Protruding Shear Head, 1/64 Oversize for HL10, Titanium	protruding shear head, 1/64 oversize for HL10	1
HL111	Hi-Lok Pin, 100° Flush Shear Head, 1/64 Oversize for HL11, Titanium	100° flush shear head, 1/64 oversize for HL11	1
HL18	Hi-Lok Pin, Protruding Shear Head, Alloy Steel	protruding shear head, alloy steel	45
HL19	Hi-Lok Pin, 100° Flush Shear Head, Alloy Steel	100° flush shear head, alloy steel	42
HL20	Hi-Lok Pin, Protruding Tension Head, Alloy Steel	protruding tension head, alloy steel	42
HL21	Hi-Lok Pin, 100° Flush Tension Head, Alloy Steel	100° flush tension head, alloy steel	39
HL218	Hi-Lok Pin, Protruding Shear Head, 1/32 Oversize for HL18, Alloy Steel	protruding shear head, 1/32 oversize for HL18	20
HL219	Hi-Lok Pin, 100° Flush Shear Head, 1/32 Oversize for HL19, Alloy Steel	100° flush shear head, 1/32 oversize for HL19	20
HL22	Hi-Lok Pin, Protruding Shear Head, Aluminum Alloy	protruding shear head, aluminum alloy	18
HL220	Hi-Lok Pin, Protruding Tension Head, 1/32 Oversize for HL20, Alloy Steel	protruding tension head, 1/32 oversize for HL20	20
HL221	Hi-Lok Pin, 100° Flush Tension Head, 1/32 Oversize for HL21, Alloy Steel	100° flush tension head, 1/32 oversize for HL21	20
HL23	Hi-Lok Pin, 100° Flush Shear Head, Aluminum Alloy	100° flush shear head, aluminum alloy	9
HL30	Hi-Lok Pin, Protruding Shear Head, 431 Stainless Steel	protruding shear head, 431 stainless steel	10
HL325	Hi-Lok Pin, 100° Flush Shear Head, MS20426 Head Style, Interference Application	100° flush shear head (MS20426 style), interference fit	18
HL326	Hi-Lok Pin, Protruding Tension Head, Interference Application	protruding tension head, interference fit	18
HL327	Hi-Lok Pin, 100° Flush Tension Head, MS24694 Head Style, Interference Application	100° flush tension head (MS24694 style), interference fit	16
HL328	Hi-Lok Pin, Protruding Shear Head, Interference Application	protruding shear head, interference fit	18
HL40	Hi-Lok Pin, Protruding Shear Head, A-286 High Temperature Alloy	protruding shear head, A-286 high-temperature alloy	21
HL41	Hi-Lok Pin, 100° Flush Shear Head, A-286 High Temperature Alloy	100° flush shear head, A-286 high-temperature alloy	36
HL48	Hi-Lok Pin, Protruding Tension Head, A-286 High Temperature Alloy	protruding tension head, A-286 high-temperature alloy	10
HL50	Hi-Lok Pin, Protruding Shear Head, Alloy Steel, 3/32 Grip Variation	protruding shear head, 3/32 grip variation	16

Standard	Title	In short	Part numbers
HL51	Hi-Lok Pin, 100° Reduced Flush Shear Head, Alloy Steel, 3/32 Grip Variation	100° reduced flush shear head, 3/32 grip variation	16
HL62	Hi-Lok Pin, Protruding Shear Head, 1/64 Oversize for HL18, Alloy Steel	protruding shear head, 1/64 oversize for HL18	30
HL63	Hi-Lok Pin, 100° Flush Shear Head, 1/64 Oversize for HL19, Alloy Steel	100° flush shear head, 1/64 oversize for HL19	22
HL64	Hi-Lok Pin, Protruding Tension Head, 1/64 Oversize for HL20, Alloy Steel	protruding tension head, 1/64 oversize for HL20	26
HL65	Hi-Lok Pin, 100° Flush Tension Head, 1/64 Oversize for HL21, Alloy Steel	100° flush tension head, 1/64 oversize for HL21	24
HL70	Hi-Lok Collar, Shear, Aluminum Alloy	shear, aluminum alloy	4
HL75	Hi-Lok Collar Assembly, Self-Aligning, Tension, 303 Stainless Steel	self-aligning, tension, 303 stainless steel	4
HL77	Hi-Lok Collar, Shear, Aluminum Alloy, for Standard-Size Pins	shear, aluminum alloy	4
HL78	Hi-Lok Collar, Tension, A-286 High Temperature Alloy	tension, A-286 alloy	3
HL79	Hi-Lok Collar, Shear, Aluminum Alloy, for Standard and 1/64 Oversize Pins	shear, aluminum alloy, for standard and 1/64 oversize pins	3
HL82	Hi-Lok Collar Assembly, Self-Aligning, Shear, Aluminum Collar and Stainless Steel Washer	self-aligning, shear, aluminum collar with stainless washer	7
HL84	Hi-Lok Collar, Shear, Aluminum Alloy, for 1/32 Oversize Pins	shear, aluminum alloy, for 1/32 oversize pins	3
HL86	Hi-Lok Collar, Tension, 303 Stainless Steel	tension, 303 stainless steel	4
HL87	Hi-Lok Collar, Tension, 303 Stainless Steel, for 1/64 Oversize Pins	tension, 303 stainless steel, for 1/64 oversize pins	3
HL90	Hi-Lok Collar, Shear, Aluminum Alloy	shear, aluminum alloy	2
HL93	Hi-Lok Collar, Tension, 303 Stainless Steel, for 1/32 Oversize Pins	tension, 303 stainless steel, for 1/32 oversize pins	3
HL94	Hi-Lok Collar, Shear, 303 Stainless Steel, for Standard and 1/64 Oversize Pins	shear, 303 stainless steel, for standard and 1/64 oversize pins	4
HL97	Hi-Lok Collar, Shear, A-286 High Temperature Alloy	shear, A-286 alloy	3
HLT77	Hi-Lok Collar, Shear, Aluminum Alloy	shear, aluminum alloy	3
HLT900	Hi-Lok Pin, 100° Flush Special Shear Head, Titanium, AP Hi-Kote 1	100° flush special shear head, titanium, AP coating	12
HLT912	Hi-Lok Pin, Protruding Tension Head, Titanium, AP Hi-Kote 1	protruding tension head, titanium, AP coating	12
HST10AG	Hi-Lok Pin, Protruding Shear Head, Titanium, AG Hi-Kote 1	protruding shear head, titanium, AG coating	16
HST11AG	Hi-Lok Pin, 100° Reduced Flush Shear Head, Titanium, AG Hi-Kote 1	100° reduced flush shear head, titanium, AG coating	16

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Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.

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