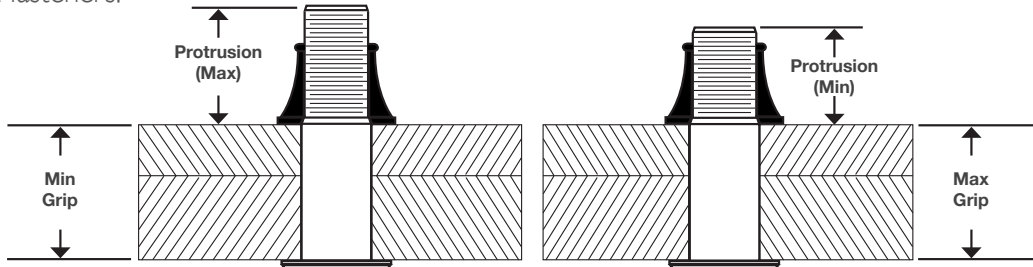


Pin Protrusion Gauges

Pin Protrusion Gauges are manufactured for use on all types of frangible and torque-control fasteners. These gauges determine if the correct length pin has been installed by determining if the pin's protrusion is between the allowable minimum and maximum limits shown on the gauge.

Gauges are available for Hi-Lok®, Hi-Lite®, and Hi-Tigue® systems. To select the correct gauge for the fastener, select the one that corresponds to the appropriate pin diameter. If the pin falls short of the minimum limit or exceeds the maximum, it must be removed, and a more appropriate size selected. Exceeding the maximum limit requires a shorter pin, and falling short the minimum limit requires a longer pin. The correct pin will lie between the maximum and minimum limitations giving a proper ratio of grip to protrusion. These are complete sets that include gauges for -5 to -12 fasteners.



Pin Protrusion Gauging

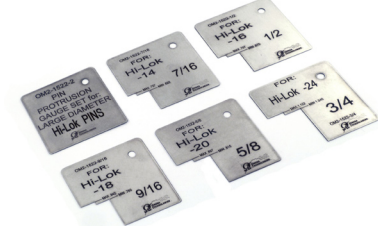
Hi-Lok® Standard Protrusion Gauges (OM2-1522)



Hi-Lok® Aerospace "B" Gauge Set (OM2-1522-B)



Hi-Lok® Large Diameter Gauge Set (OM2-1522-2, OM2-1522-B-2)



Hi-Lite® Standard Protrusion Gauges (OM2-1522 HST)



Hi-Lite® Aerospace "B" Gauge Set (OM2-1522HST-B)



Hi-Lite® Large Diameter Gauge Set (OM2-1522HST-2)



Protrusion Gauges

Dash Sizes	Nominal Pin Diameter	OM2-1522 Pin Protrusion Limits*		OM2-1522-B Pin Protrusion Limits**		OM2-1522 HST Pin Protrusion Limits*		OM2-1522 HST-B Pin Protrusion Limits**		
DECIMAL	FRACTION	DECIMAL	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
-5	5/32"	0.1560	0.302	0.384	0.302	0.389	0.270	0.352	0.270	0.352
-6	3/16"	0.1875	0.315	0.397	0.315	0.402	0.280	0.362	0.280	0.362
-8	1/4"	0.2500	0.385	0.467	0.385	0.472	0.310	0.392	0.310	0.392
-10	5/16"	0.3125	0.490	0.572	0.490	0.577	0.370	0.452	0.370	0.452
-12	3/8"	0.3750	0.535	0.617	0.535	0.622	0.410	0.492	0.410	0.492
Dash Sizes	Nominal Pin Diameter	OM2-1522-2 Pin Protrusion Limits*		OM2-1522-B-2 Pin Protrusion Limits**		OM2-1522HST-2 Pin Protrusion Limits*		OM2-1522 HST-B-2 Pin Protrusion Limits**		
-14	7/16"	0.4375	0.625	0.707	0.625	0.707	0.475	0.557	0.475	0.557
-16	1/2"	0.5000	0.675	0.757	0.675	0.757	0.515	0.597	0.515	0.597
-18	9/16"	0.5625	0.760	0.842	0.760	0.842	0.590	0.672	0.590	0.672
-20	5/8"	0.6250	0.815	0.897	0.815	0.897	0.650	0.732	0.630	0.712
-24	3/4"	0.7500	1.040	1.122	1.040	1.122	-	-	-	-

*OM2-1522 and OM2-1522 HST are interchangeable with Hi-Shear 2-1522 and 2-1522 HST respectively

**Values per BAC5004-2