

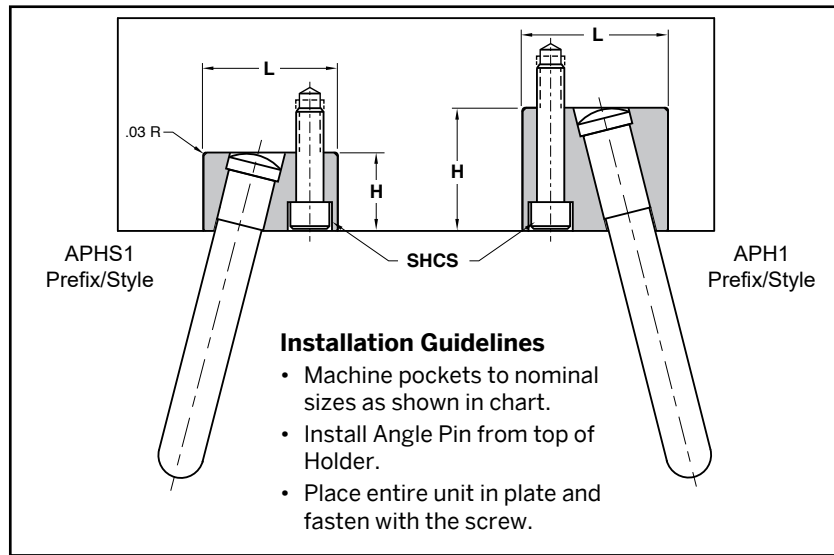
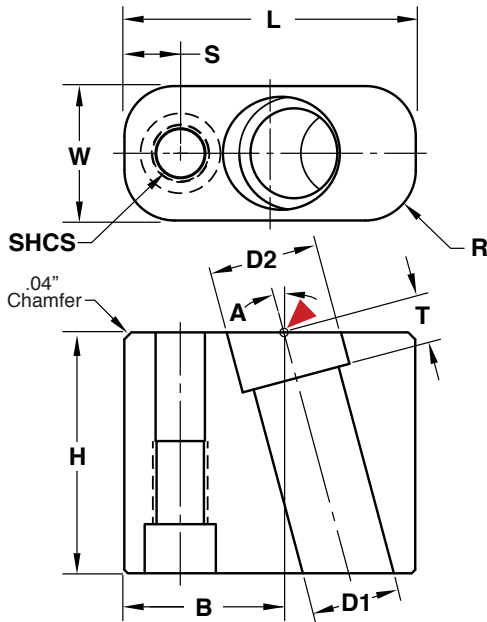
# ANGLE PIN HOLDERS

## IN-LINE BOLT



Progressive's Angle Pin Holders are machined with 10°, 15°, or 20° angles and allow for machining and installation from parting line.

- The In-Line Single Bolt version has a narrow design where space is limited.
- The Outer Bolt version installs with two screws and only takes up a minimal amount of space behind the pin.
- Both Holders accommodate all Angle Pin sizes and press fit lengths.



**M** 4140 **H** 28-32 HRC **S** Black Oxide

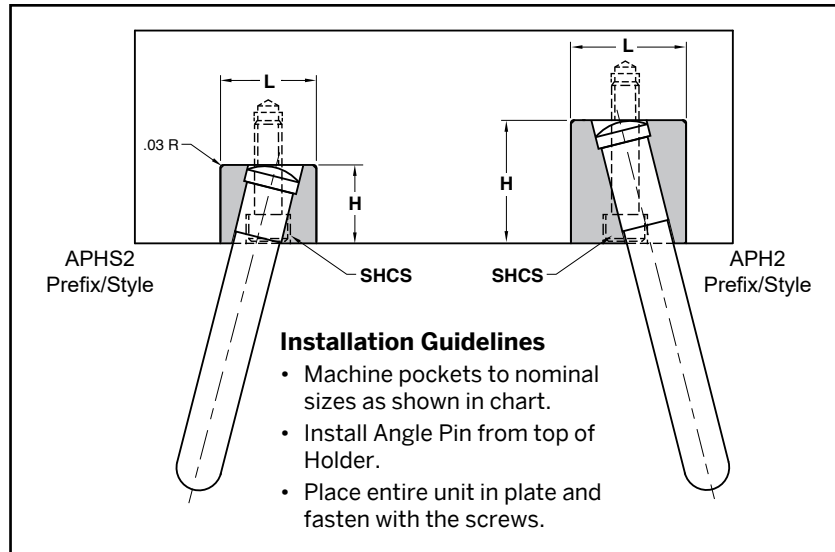
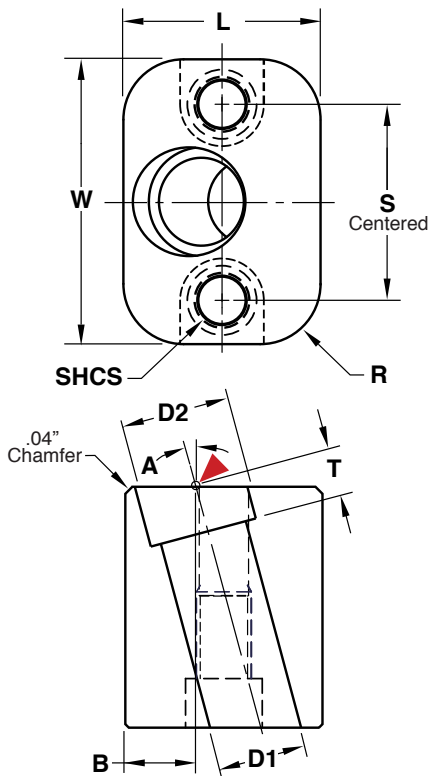
CAD insertion point

CATALOG NUMBER	ANGLE PIN DIAM.	H +0.000 -0.003	L +0.000 -0.001	W +0.000 -0.001	R Pocket Radius	S ± .01	A Angle	T	B	D1 +0.005 -0.0000	D2 +0.005 -0.000	SHCS
APHS1-37-10	3/8	.875	1.250	.625	.187	.313	10°	.258	.813	.3765	.505	1/4-20 x 1.0"
APH1-37-10		1.375	1.375									1/4-20 x 1.5"
APHS1-37-15		.875	1.375				15°	.265				1/4-20 x 1.0"
APH1-37-15		1.375	1.500									1/4-20 x 1.5"
APHS1-37-20		.875	1.500				20°	.276				1/4-20 x 1.0"
APH1-37-20		1.375	1.625									1/4-20 x 1.5"
APHS1-50-10	1/2	.875	1.375	.750	.250	.313	10°	.260	.875	.5015	.630	1/4-20 x 1.0"
APH1-50-10		1.375	1.500									1/4-20 x 1.5"
APHS1-50-15		.875	1.500				15°	.270				1/4-20 x 1.0"
APH1-50-15		1.375	1.625									1/4-20 x 1.5"
APHS1-50-20		.875	1.625				20°	.284				1/4-20 x 1.0"
APH1-50-20		1.375	1.750									1/4-20 x 1.5"
APHS1-63-10	5/8	.875	1.625	.875	.313	.375	10°	.262	1.063	.6265	.755	5/16-18 x 1.0"
APH1-63-10		1.375	1.750									5/16-18 x 1.5"
APHS1-63-15		.875	1.750				15°	.274				5/16-18 x 1.0"
APH1-63-15		1.375	1.875									5/16-18 x 1.5"
APHS1-63-20		.875	1.875				20°	.292				5/16-18 x 1.0"
APH1-63-20		1.375	2.000									5/16-18 x 1.5"
APH1-75-10	3/4	1.500	2.000	1.000	.375	.375	10°	.264	1.188	.7515	.885	3/8-16 x 1.62"
APH1-75-15			2.125									
APH1-75-20			2.250									

Notes: Includes (1) Socket Head Cap Screw as shown in the chart.  
Angle Pins are sold separately on page G-20.



# ANGLE PIN HOLDERS OUTER BOLTS



**M** 4140 **H** 28-32 HRC **S** Black Oxide

▶ CAD insertion point

CATALOG NUMBER	ANGLE PIN DIAM.	H +.000 -.003	L +.000 -.001	W +.000 -.001	R Pocket Radius	S ± .01	A Angle	T	B	D1 +.0005 -.0000	D2 +.005 -.000	SHCS	
APHS2-37-10	3/8	.875	.750	1.500	.250	1.000	10°	.258	.312	.3765	.505	1/4-20 x 1.0"	
APH2-37-10		1.375	.875									1/4-20 x 1.5"	
APHS2-37-15		.875	.875				1.000	15°				.265	1/4-20 x 1.0"
APH2-37-15		1.375	1.000										1/4-20 x 1.5"
APHS2-37-20		.875	1.000				1.125	20°				.276	1/4-20 x 1.0"
APH2-37-20		1.375	1.125										1/4-20 x 1.5"
APHS2-50-10	1/2	.875	.875	1.625	.313	1.125	10°	.260	.375	.5015	.630	1/4-20 x 1.0"	
APH2-50-10		1.375	1.000									1/4-20 x 1.5"	
APHS2-50-15		.875	1.000				1.125	15°				.270	1/4-20 x 1.0"
APH2-50-15		1.375	1.125										1/4-20 x 1.5"
APHS2-50-20		.875	1.125				1.250	20°				.284	1/4-20 x 1.0"
APH2-50-20		1.375	1.250										1/4-20 x 1.5"
APHS2-63-10	5/8	.875	1.125	1.875	.375	1.375	10°	.262	.500	.6265	.755	5/16-18 x 1.0"	
APH2-63-10		1.375	1.250									5/16-18 x 1.5"	
APHS2-63-15		.875	1.250				1.375	15°				.274	5/16-18 x 1.0"
APH2-63-15		1.375	1.375										5/16-18 x 1.5"
APHS2-63-20		.875	1.375				1.500	20°				.292	5/16-18 x 1.0"
APH2-63-20		1.375	1.500										5/16-18 x 1.5"
APH2-75-10	3/4	1.500	1.375	2.000	.375	1.500	10°	.264	.563	.7515	.885	5/16-18 x 1.62"	
APH2-75-15			1.500				15°	.278					
APH2-75-20			1.625				20°	.300					

Notes: Includes (2) Socket Head Cap Screws as shown in the chart.  
Angle Pins are sold separately on page G-20.