

Hucktainer[®] Selection Chart

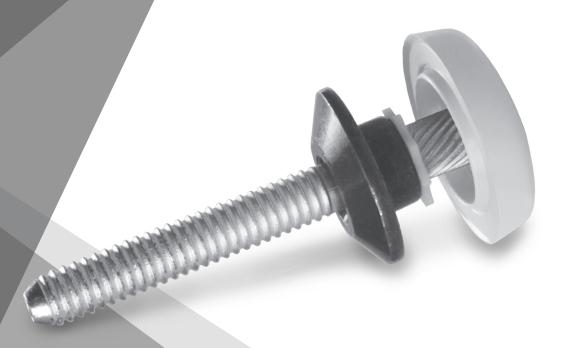


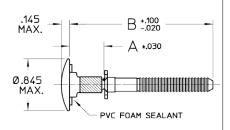


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Hucktainer® Pins

HLPMC Pins for Metal Clad Applications



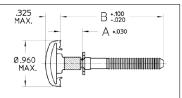
HLPMC-R12-()PL UNENCAPSULATED LOW PROFILE ID FOR METAL CLAD APPLICATIONS

Steel Head, No Er	capsulation, with	PVC Seal	HEAD FOR METAL CLAD APPLICATIO		
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves
HLPMCP-R12-5PL	0.250-0.375	0.400	2.055		
HLPMCP-R12-6PL	0.312-0.437	0.462	2.118	For exterior use against bottom rails, corner posts, top rails, panel surface	
HLPMCP-R12-7PL	0.375-0.500	0.525	2.180	and other exterior applications where	HLPMCS-R12 HLPMCSC-R12
HLPMCP-R12-8PL	0.437-0.562	0.588	2.243	fastener is bearing against metal surface.	
HLPMCP-R12-9PL	0.500-0.625	0.650	2.305		

MC Clearance Head Sleeve		
Part Number	Recommended Usage	.170 -
HLPMCSC-R12	Clearance Head, for interior use in Logistics track type applications where head diameter clearance is needed.	MAX. 653.
	-	.250 ±.020 -
		HLPMCSC-R12 CLEARANCE SLEEVE FOR METAL CLAD APPLICATIONS

MC Medium Bearing Head Sleeve		
Part Number	Recommended Usage	.170 MAX. —
HLPMCS-R12	Medium Bearing Head, for use against interior rails and panel surfaces.	
		Ø.399 815 *.006 MAX
		.250 ±.020 -
		HLPMCS-R12 standard sleeve
		FOR METAL CLAD APPLICATIONS

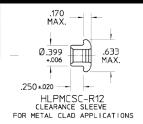
HLPMC Pins for Metal Clad Applications



HLPMC(*)-R12-()PL
MEDIUM BEARING ENCAPSULATED HEAD
FOR METAL (LAD APPLICATIONS

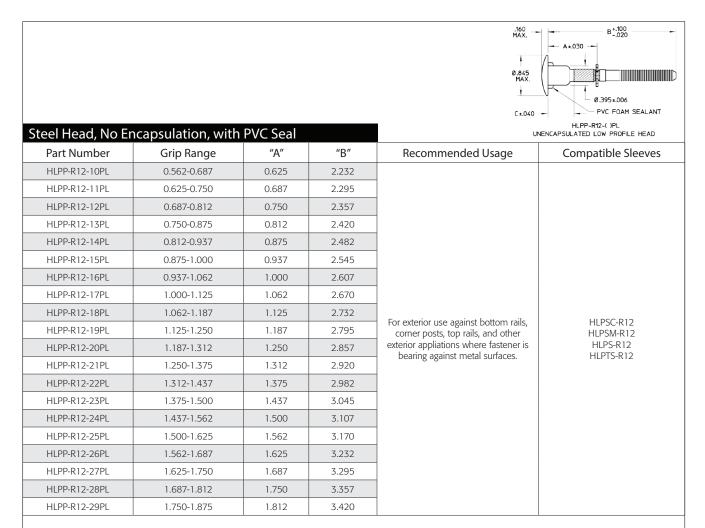
	ed Head				MEDIUM BEARING ENCAPSULATED HEAD FOR METAL CLAD APPLICATIONS
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves
HLPMCG-R12-4PL	0.187-0.312	0.338	1.993		
HLPMCG-R12-5PL	0.250-0.375	0.400	2.055	For exterior use against bottom rails, corner posts, top rails, panel surface	HLPMCS-R12 HLPMCSC-R12
HLPMCG-R12-6PL	0.312-0.437	0.462	2.118	and other exterior applications where	
HLPMCG-R12-7PL	0.375-0.500	0.525	2.180	fastener is bearing against metal surfaces that are metallic grey in color.	
HLPMCG-R12-8PL	0.437-0.562	0.588	2.243		
White Encapsulat	ted Head				
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves
HLPMCW-R12-4PL	0.187-0.312	0.338	1.993		
HLPMCW-R12-5PL	0.250-0.375	0.400	2.055	For exterior use against bottom rails, corner posts, top rails, panel surface	
HLPMCW-R12-6PL	0.312-0.437	0.462	2.118	and other exterior applications where	HLPMCS-R12 HLPMCSC-R12
HLPMCW-R12-7PL	0.375-0.500	0.525	2.180	fastener is bearing against metal surfaces that are white in color.	
HLPMCW-R12-8PL	0.437-0.562	0.588	2.243		
Hertz/Penske Yel	low Encapsulated	Head			
Part Number			"B"		
i ai i Nullibel	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves
HLPMCHY-R12-4PL	Grip Range 0.187-0.312	"A" 0.338	1.993		Compatible Sleeves
				For exterior use against bottom rails, corner posts, top rails, panel surface	
HLPMCHY-R12-4PL	0.187-0.312	0.338	1.993	For exterior use against bottom rails, corner posts, top rails, panel surface and other exterior applications where	Compatible Sleeves HLPMCS-R12 HLPMCSC-R12
HLPMCHY-R12-4PL HLPMCHY-R12-5PL	0.187-0.312 0.250-0.375	0.338	1.993 2.055	For exterior use against bottom rails, corner posts, top rails, panel surface and other exterior applications where fastener is bearing against metal surfaces that are Hertz/Penske Yellow	HLPMCS-R12
HLPMCHY-R12-4PL HLPMCHY-R12-5PL HLPMCHY-R12-6PL	0.187-0.312 0.250-0.375 0.312-0.437	0.338 0.400 0.462	1.993 2.055 2.118	For exterior use against bottom rails, corner posts, top rails, panel surface and other exterior applications where fastener is bearing against metal	HLPMCS-R12
HLPMCHY-R12-4PL HLPMCHY-R12-5PL HLPMCHY-R12-6PL HLPMCHY-R12-7PL	0.187-0.312 0.250-0.375 0.312-0.437 0.375-0.500 0.437-0.562	0.338 0.400 0.462 0.525	1.993 2.055 2.118 2.180	For exterior use against bottom rails, corner posts, top rails, panel surface and other exterior applications where fastener is bearing against metal surfaces that are Hertz/Penske Yellow	HLPMCS-R12
HLPMCHY-R12-4PL HLPMCHY-R12-5PL HLPMCHY-R12-6PL HLPMCHY-R12-7PL HLPMCHY-R12-8PL	0.187-0.312 0.250-0.375 0.312-0.437 0.375-0.500 0.437-0.562	0.338 0.400 0.462 0.525	1.993 2.055 2.118 2.180	For exterior use against bottom rails, corner posts, top rails, panel surface and other exterior applications where fastener is bearing against metal surfaces that are Hertz/Penske Yellow	HLPMCS-R12
HLPMCHY-R12-4PL HLPMCHY-R12-5PL HLPMCHY-R12-6PL HLPMCHY-R12-7PL HLPMCHY-R12-8PL Yellow Encapsula	0.187-0.312 0.250-0.375 0.312-0.437 0.375-0.500 0.437-0.562 ated Head	0.338 0.400 0.462 0.525 0.588	1.993 2.055 2.118 2.180 2.243	For exterior use against bottom rails, corner posts, top rails, panel surface and other exterior applications where fastener is bearing against metal surfaces that are Hertz/Penske Yellow in color. Recommended Usage	HLPMCS-R12 HLPMCSC-R12
HLPMCHY-R12-4PL HLPMCHY-R12-5PL HLPMCHY-R12-6PL HLPMCHY-R12-7PL HLPMCHY-R12-8PL Yellow Encapsula Part Number	0.187-0.312 0.250-0.375 0.312-0.437 0.375-0.500 0.437-0.562 ated Head Grip Range	0.338 0.400 0.462 0.525 0.588	1.993 2.055 2.118 2.180 2.243	For exterior use against bottom rails, corner posts, top rails, panel surface and other exterior applications where fastener is bearing against metal surfaces that are Hertz/Penske Yellow in color. Recommended Usage For exterior use against bottom rails,	HLPMCS-R12 HLPMCSC-R12 Compatible Sleeves
HLPMCHY-R12-4PL HLPMCHY-R12-5PL HLPMCHY-R12-6PL HLPMCHY-R12-7PL HLPMCHY-R12-8PL Yellow Encapsula Part Number HLPMCRY-R12-4PL	0.187-0.312 0.250-0.375 0.312-0.437 0.375-0.500 0.437-0.562 ated Head Grip Range 0.187-0.312	0.338 0.400 0.462 0.525 0.588 "A" 0.338	1.993 2.055 2.118 2.180 2.243 "B"	For exterior use against bottom rails, corner posts, top rails, panel surface and other exterior applications where fastener is bearing against metal surfaces that are Hertz/Penske Yellow in color. Recommended Usage For exterior use against bottom rails, corner posts, top rails, panel surface and other exterior applications where	HLPMCS-R12 HLPMCSC-R12
HLPMCHY-R12-4PL HLPMCHY-R12-5PL HLPMCHY-R12-6PL HLPMCHY-R12-7PL HLPMCHY-R12-8PL Yellow Encapsula Part Number HLPMCRY-R12-4PL HLPMCRY-R12-5PL	0.187-0.312 0.250-0.375 0.312-0.437 0.375-0.500 0.437-0.562 ated Head Grip Range 0.187-0.312 0.250-0.375	0.338 0.400 0.462 0.525 0.588 "A" 0.338 0.400	1.993 2.055 2.118 2.180 2.243 "B" 1.993 2.055	For exterior use against bottom rails, corner posts, top rails, panel surface and other exterior applications where fastener is bearing against metal surfaces that are Hertz/Penske Yellow in color. Recommended Usage For exterior use against bottom rails, corner posts, top rails, panel surface	HLPMCS-R12 HLPMCSC-R12 Compatible Sleeves HLPMCS-R12

MC Clearance nead Sieeve					
Part Number	Recommended Usage				
HLPMCSC-R12	Clearance Head, for interior use in Logistics track type applications where head diameter clearance is needed.				



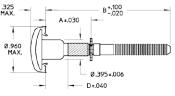
MC Medium Bearing Head Sleeve		
Part Number	Recommended Usage	.170 MAX. —
HLPMCS-R12	Medium Bearing Head, for use against interior rails and panel surfaces.	0.399 815
		.250 ±.020
		HLPMCS-R12 STANDARD SLEEVE FOR METAL CLAD APPLICATIONS

Hucktainer® Pins



Standard HI	LP Clearance Head Sleeve		Standard H	LP Medium Bearing S	leeve
Part Number	Recommended Usage	.150 MAX.	Part Number	Recommended Usage	.150 MAX.
HLPSC-R12	Clearance Head, for use in Logistics track type applications where head diameter clearance is needed.	0.399 0.640 MAX.	HLPSM-R12	Medium Bearing Head, for use against interior bottom rails and other interior applications where fastener is	0.399 0.000 MAX.
		HLPSC-R12 CLEARANCE SLEEVE		bearing against metal surface.	HLPSM-R12 MEDIUM BEARING SLEEVE

Standard HLP Wide Bearing Sleeve		Standard H	LP Thin Profile Sleeve	
Part Number Recommended Usage	,150 MAX.	Part Number	Recommended Usage	.100 MAX.
HLPS-R12 Large Bearing Head, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing.	0.399 0.000 MAX. 375.020 HLPS-R12 WICE BEARING SLEEVE	HLPTS-R12	Large Bearing Head with thin profile, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing. Thin profile allows for application of scuff liner over head surface.	0.399 0.006 0.165 MAX 375.020 HLPTS-R12 THIN PROFILE WIDE BEARING SLEEVE



Grey Medium Bearing Encapsulated Head			м	HLPM(*)-R12-()PL EDIUM BEARING ENCAPSULATED HEAD						
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves					
HLPMG-R12-9PL	0.500-0.625	0.562	2.170							
HLPMG-R12-10PL	0.562-0.687	0.625	2.232							
HLPMG-R12-11PL	0.625-0.750	0.687	2.295							
HLPMG-R12-12PL	0.687-0.812	0.750	2.357							
HLPMG-R12-13PL	0.750-0.875	0.812	2.420							
HLPMG-R12-14PL	0.812-0.937	0.875	2.482							
HLPMG-R12-15PL	0.875-1.000	0.937	2.545							
HLPMG-R12-16PL	0.937-1.062	1.000	2.607							
HLPMG-R12-17PL	1.000-1.125	1.062	2.670	For exterior use against bottom rails, corner posts, top rails, and other exterior appliations where fastener is bearing against metal surfaces that are metallic grey in color.						
HLPMG-R12-18PL	1.062-1.187	1.125	2.732		HLPSC-R12					
HLPMG-R12-19PL	1.125-1.250	1.187	2.795		HLPSM-R12 HLPS-R12					
HLPMG-R12-20PL	1.187-1.312	1.250	2.857		HLPTS-R12					
HLPMG-R12-21PL	1.250-1.375	1.312	2.920							
HLPMG-R12-22PL	1.312-1.437	1.375	2.982							
HLPMG-R12-23PL	1.375-1.500	1.437	3.045							
HLPMG-R12-24PL	1.437-1.562	1.500	3.107							
HLPMG-R12-25PL	1.500-1.625	1.562	3.170							
HLPMG-R12-26PL	1.562-1.687	1.625	3.232							
HLPMG-R12-27PL	1.625-1.750	1.687	3.295							
HLPMG-R12-28PL	1.687-1.812	1.750	3.357							
HLPMGP-R12-29PL	1.750-1.875	1.812	3.420							

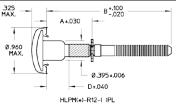
Standard HLP Clearance Head Sleeve					
Part Number	Recommended Usage				
HLPSC-R12	Clearance Head, for use in Logistics track type applications where head diameter clearance is needed.				



Standard HLP Medium Bearing Sleeve					
Part Number	Recommended Usage	.15 MA			
HLPSM-R12	Medium Bearing Head, for use against interior bottom rails and other interior applications where fastener is bearing against metal surface.	8.399 8.006			



Standard HLP Wide Bearing Sleeve			Standard H	LP Thin Profile Sleeve	
Part Number	Recommended Usage	,150 MAX.	Part Number	Recommended Usage	.100 MAX.
HLPS-R12	Large Bearing Head, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing.	0.399 0 0.500 MAX. 375.020 H.P.S812 WIDE BEARING SLEEVE	HLPTS-R12	Large Bearing Head with thin profile, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing. Thin profile allows for application of scuff liner over head surface.	0.399 0.006 01165 MAX. 3751020

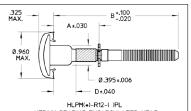


White Medium Bearing Encapsulated Head				MEI	HLPM(*)-R12-()PL DIUM BEARING ENCAPSULATED HEAD
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves
HLPMW-R12-9PL	0.500-0.625	0.562	2.170		
HLPMW-R12-10PL	0.562-0.687	0.625	2.232		
HLPMW-R12-11PL	0.625-0.750	0.687	2.295		
HLPMW-R12-12PL	0.687-0.812	0.750	2.357		
HLPMW-R12-13PL	0.750-0.875	0.812	2.420		
HLPMW-R12-14PL	0.812-0.937	0.875	2.482		
HLPMW-R12-15PL	0.875-1.000	0.937	2.545		
HLPMW-R12-16PL	0.937-1.062	1.000	2.607		
HLPMW-R12-17PL	1.000-1.125	1.062	2.670		
HLPMW-R12-18PL	1.062-1.187	1.125	2.732	For exterior use against bottom rails, corner posts, top rails, and other	HLPSC-R12
HLPMW-R12-19PL	1.125-1.250	1.187	2.795	exterior appliations where fastener is	HLPSM-R12 HLPS-R12
HLPMW-R12-20PL	1.187-1.312	1.250	2.857	bearing against metal surfaces that are white in color.	HLPTS-R12
HLPMW-R12-21PL	1.250-1.375	1.312	2.920		
HLPMW-R12-22PL	1.312-1.437	1.375	2.982		
HLPMW-R12-23PL	1.375-1.500	1.437	3.045		
HLPMW-R12-24PL	1.437-1.562	1.500	3.107		
HLPMW-R12-25PL	1.500-1.625	1.562	3.170		
HLPMW-R12-26PL	1.562-1.687	1.625	3.232		
HLPMW-R12-27PL	1.625-1.750	1.687	3.295		
HLPMW-R12-28PL	1.687-1.812	1.750	3.357		
HLPMW-R12-29PL	1.750-1.875	1.812	3.420	1	

Standard Hl	P Clearance Head Sleeve	Standard HLP Medium Bearing		
Part Number	Recommended Usage	.150 MAX. —	Part Number	Recommended Usage
HLPSC-R12	Clearance Head, for use in Logistics track type applications where head diameter clearance is needed.	8,399 2,006 8,640 MAX. 375 ± 020 HLPSC-R12 CLEARANCE SLEEVE	HLPSM-R12	Medium Bearing Head, for use against interior bottom rails and other interior applications where fastener is bearing against metal surface

ıg s	ieeve
ge	.150 MAX.
or	0.399
m	1.006 MAX
er is	HLPSM-R12
ace.	MEDIUM BEARING SLEEVE

Standard Fil	_P Wide Bearing Sleeve	450	Standard II	LP Thin Profile Sleeve	
Part Number	Recommended Usage	.150 MAX.	Part Number	Recommended Usage	.100 MAX.
HLPS-R12	Large Bearing Head, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing.	9.399 91.800 MAX. - 375.620 HLPS.B12 WIDE BEARING SLEEVE	HLPTS-R12	Large Bearing Head with thin profile, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing. Thin profile allows for application of scuff liner over head surface.	8.399 e1165 MAX. 375+020 — HLPTS-R12 THIN PROFILE WIDE BEARING SLEEVI
					'



Hertz/Penske Yello	ow Medium Bearing	ı Encapsula	ted Head	MEDIUM BEARING ENCAPSULATED HEAD			
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves		
HLPMHY-R12-9PL	0.500-0.625	0.562	2.170				
HLPMHY-R12-10PL	0.562-0.687	0.625	2.232				
HLPMHY-R12-11PL	0.625-0.750	0.687	2.295				
HLPMHY-R12-12PL	0.687-0.812	0.750	2.357				
HLPMHY-R12-13PL	0.750-0.875	0.812	2.420				
HLPMHY-R12-14PL	0.812-0.937	0.875	2.482				
HLPMHY-R12-15PL	0.875-1.000	0.937	2.545				
HLPMHY-R12-16PL	0.937-1.062	1.000	2.607				
HLPMHY-R12-17PL	1.000-1.125	1.062	2.670				
HLPMHY-R12-18PL	1.062-1.187	1.125	2.732	For exterior use against bottom rails, corner posts, top rails, and other	HLPSC-R12		
HLPMHY-R12-19PL	1.125-1.250	1.187	2.795	exterior appliations where fastener is	HLPSM-R12 HLPS-R12		
HLPMHY-R12-20PL	1.187-1.312	1.250	2.857	bearing against metal surfaces that are Hertz/Penske Yellow in color.	HLPTS-R12		
HLPMHY-R12-21PL	1.250-1.375	1.312	2.920	,			
HLPMHY-R12-22PL	1.312-1.437	1.375	2.982				
HLPMHY-R12-23PL	1.375-1.500	1.437	3.045				
HLPMHY-R12-24PL	1.437-1.562	1.500	3.107				
HLPMHY-R12-25PL	1.500-1.625	1.562	3.170				
HLPMHY-R12-26PL	1.562-1.687	1.625	3.232				
HLPMHY-R12-27PL	1.625-1.750	1.687	3.295				
HLPMHY-R12-28PL	1.687-1.812	1.750	3.357				
HLPMHY-R12-29PL	1.750-1.875	1.812	3.420				

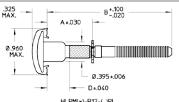
Standard HLP Clearance Head Sleeve					
Part Number	Recommended Usage				
HLPSC-R12	Clearance Head, for use in Logistics track type applications where head diameter clearance is needed.				



Standard HLP Medium Bearing Sleeve						
Part Number	Recommended Usage	.15 MA				
HLPSM-R12	Medium Bearing Head, for use against interior bottom rails and other interior applications where fastener is bearing against metal surface.	0.399 +.006 H MEDIUM				
	Part Number	Part Number Recommended Usage Medium Bearing Head, for use against interior bottom rails and other interior applications where fastener is				



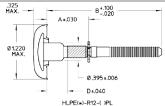
Standard HL	.P Wide Bearing Sleeve		Standard H	LP Thin Profile Sleeve	
Part Number	Recommended Usage	,150 MAX.	Part Number	Recommended Usage	.100 MAX.
HLPS-R12	Large Bearing Head, for use against interi- or FRP surfaces. Distributes clamp load to avoid gel coat crazing.	9 1 90 MAX. 1006 MAX. 1075 1075 1075 1075 1075 1075 1075 1075	HLPTS-R12	Large Bearing Head with thin profile, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing. Thin profile allows for application of scuff liner over head surface.	0.399 0.006 MAX. 375.020 — HLPTS-R12 THIN PROFILE WIDE BEARING SLEEVE



Yellow Medium B	Bearing Encapsulat	ed Head	ME	HLPM(*)-R12-()PL DIUM BEARING ENCAPSULATED HEAD						
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves					
HLPMRY-R12-9PL	0.500-0.625	0.562	2.170							
HLPMRY-R12-10PL	0.562-0.687	0.625	2.232							
HLPMRY-R12-11PL	0.625-0.750	0.687	2.295							
HLPMRY-R12-12PL	0.687-0.812	0.750	2.357							
HLPMRY-R12-13PL	0.750-0.875	0.812	2.420							
HLPMRY-R12-14PL	0.812-0.937	0.875	2.482							
HLPMRY-R12-15PL	0.875-1.000	0.937	2.545							
HLPMRY-R12-16PL	0.937-1.062	1.000	2.607							
HLPMRY-R12-17PL	1.000-1.125	1.062	2.670							
HLPMRY-R12-18PL	1.062-1.187	1.125	2.732	For exterior use against bottom rails, corner posts, top rails, and other	HLPSC-R12					
HLPMRY-R12-19PL	1.125-1.250	1.187	2.795	exterior appliations where fastener is	HLPSM-R12 HLPS-R12					
HLPMRY-R12-20PL	1.187-1.312	1.250	2.857	bearing against metal surfaces that are Yellow in color.	HLPTS-R12					
HLPMRY-R12-21PL	1.250-1.375	1.312	2.920							
HLPMRY-R12-22PL	1.312-1.437	1.375	2.982							
HLPMRY-R12-23PL	1.375-1.500	1.437	3.045							
HLPMRY-R12-24PL	1.437-1.562	1.500	3.107							
HLPMRY-R12-25PL	1.500-1.625	1.562	3.170							
HLPMRY-R12-26PL	1.562-1.687	1.625	3.232							
HLPMRY-R12-27PL	1.625-1.750	1.687	3.295							
HLPMRY-R12-28PL	1.687-1.812	1.750	3.357							
HLPMRY-R12-29PL	1.750-1.875	1.812	3.420							

Standard HI	LP Clearance Head Sleeve	Standard HLP Medium Bearing Sleeve			
Part Number	Recommended Usage	.150 MAX. —	Part Number	Recommended Usage	.150 MAX.
HLPSC-R12	Clearance Head, for use in Logistics track type applications where head diameter clearance is needed.	0.399 0.640 MAX.	HLPSM-R12	Medium Bearing Head, for use against interior bottom rails and other interior	0.399 0.000 0.940 MAX
		HLPSC-R12 CLEARANCE SLEEVE		applications where fastener is bearing against metal surface.	HLPSM-R12 MEDIUM BEARING SLEEVE

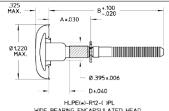
Standard HLP Wide Bearing Sleeve			Standard H	LP Thin Profile Sleeve	
Part Number	Recommended Usage	,150 MAX.	Part Number	Recommended Usage	.100 MAX.
HLPS-R12	Large Bearing Head, for use against interi- or FRP surfaces. Distributes clamp load to avoid gel coat crazing.	0.399 0 0.190 MAX. 0.100 MAX.	HLPTS-R12	Large Bearing Head with thin profile, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing. Thin profile allows for application of scuff liner over head surface.	0.399 0.105 MAX. MAX. MLPTS-R12 THIN PROFILE WIDE BEARING SLEEVE



Grey Wide Bearin	Grey Wide Bearing Encapsulated Head				HLPE(*)-R12-()PL WIDE BEARING ENCAPSULATED HEAD
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves
HLPEG-R12-9PL	0.500-0.625	0.562	2.170		
HLPEG-R12-10PL	0.562-0.687	0.625	2.232		
HLPEG-R12-11PL	0.625-0.750	0.687	2.295		
HLPEG-R12-12PL	0.687-0.812	0.750	2.357		
HLPEG-R12-13PL	0.750-0.875	0.812	2.420		
HLPEG-R12-14PL	0.812-0.937	0.875	2.482		
HLPEG-R12-15PL	0.875-1.000	0.937	2.545		
HLPEG-R12-16PL	0.937-1.062	1.000	2.607	For exterior use against FRP Panels that are metallic grey in color. Wide bearing encapsulated head helps to	
HLPEG-R12-17PL	1.000-1.125	1.062	2.670		
HLPEG-R12-18PL	1.062-1.187	1.125	2.732		HLPSC-R12
HLPEG-R12-19PL	1.125-1.250	1.187	2.795		HLPSM-R12 HLPS-R12
HLPEG-R12-20PL	1.187-1.312	1.250	2.857	distribute clamp load to avoid dimpling or crazing of surface.	HLPTS-R12
HLPEG-R12-21PL	1.250-1.375	1.312	2.920		
HLPEG-R12-22PL	1.312-1.437	1.375	2.982		
HLPEG-R12-23PL	1.375-1.500	1.437	3.045		
HLPEG-R12-24PL	1.437-1.562	1.500	3.107		
HLPEG-R12-25PL	1.500-1.625	1.562	3.170		
HLPEG-R12-26PL	1.562-1.687	1.625	3.232		
HLPEG-R12-27PL	1.625-1.750	1.687	3.295		
HLPEG-R12-28PL	1.687-1.812	1.750	3.357		
HLPEG-R12-29PL	1.750-1.875	1.812	3.420		

Standard HI	P Clearance Head Sleeve		Standard H	LP Medium Bearing S	Sleeve
Part Number	Recommended Usage	.150 MAX.	Part Number	Recommended Usage	.150 MAX.
HLPSC-R12	Clearance Head, for use in Logistics track type applications where head diameter clearance is needed.	0.399 0.006 0.640 MAX.	HLPSM-R12	Medium Bearing Head, for use against interior bottom rails and other interior	8.399 8.006 0,940 MAX
		HLPSC-R12 CLEARANCE SLEEVE		applications where fastener is bearing against metal surface.	HLPSM-R12 MEDIUM BEARING SLEEVE

Part Number	Recommended Usage	.150 MAX.	Part Number	Recommended Usage	.100 MAX.
HLPS-R12	Large Bearing Head, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing.	0.300 0190 NAC. 100 0190 NAC. 110 0190 NAC. 110 0190 NAC. 110 0190 NAC.	HLPTS-R12	Large Bearing Head with thin profile, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing. Thin profile allows for application of scuff liner over head surface.	0.399 0.1165 MAX. 375.020
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White Wide Beari	White Wide Bearing Encapsulated Head				HLPE(*)-R12-()PL WIDE BEARING ENCAPSULATED HEAD
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves
HLPEW-R12-9PL	0.500-0.625	0.562	2.170		
HLPEW-R12-10PL	0.562-0.687	0.625	2.232		
HLPEW-R12-11PL	0.625-0.750	0.687	2.295		
HLPEW-R12-12PL	0.687-0.812	0.750	2.357		
HLPEW-R12-13PL	0.750-0.875	0.812	2.420		
HLPEW-R12-14PL	0.812-0.937	0.875	2.482		
HLPEW-R12-15PL	0.875-1.000	0.937	2.545		
HLPEW-R12-16PL	0.937-1.062	1.000	2.607		
HLPEW-R12-17PL	1.000-1.125	1.062	2.670		
HLPEW-R12-18PL	1.062-1.187	1.125	2.732	For exterior use against FRP Panels that are white in color. Wide bearing	HLPSC-R12
HLPEW-R12-19PL	1.125-1.250	1.187	2.795	encapsulated head helps to distribute	HLPSM-R12 HLPS-R12
HLPEW-R12-20PL	1.187-1.312	1.250	2.857	clamp load to avoid dimpling or crazing of surface.	HLPTS-R12
HLPEW-R12-21PL	1.250-1.375	1.312	2.920	, and the second	
HLPEW-R12-22PL	1.312-1.437	1.375	2.982		
HLPEW-R12-23PL	1.375-1.500	1.437	3.045		
HLPEW-R12-24PL	1.437-1.562	1.500	3.107		
HLPEW-R12-25PL	1.500-1.625	1.562	3.170		
HLPEW-R12-26PL	1.562-1.687	1.625	3.232		
HLPEW-R12-27PL	1.625-1.750	1.687	3.295		
HLPEW-R12-28PL	1.687-1.812	1.750	3.357		
HLPEW-R12-29PL	1.750-1.875	1.812	3.420		

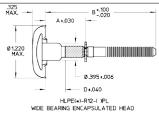
Standard HLP Clearance Head Sleeve						
Part Number	Recommended Usage					
HLPSC-R12	Clearance Head, for use in Logistics track type applications where head diameter clearance is needed.					



Starraara i ii	Li Mcalalli bealling s
Part Number	Recommended Usage
HLPSM-R12	Medium Bearing Head, for use against interior bottom rails and other interior applications where fastener is bearing against metal surface.



Standard Hi	LP Wide Bearing Sleeve		Standard H	LP Thin Profile Sleeve	
Part Number	Recommended Usage	.150 MAX.	Part Number	Recommended Usage	.100 MAX.
HLPS-R12	Large Bearing Head, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing.	9.399 0 1.500 MAX. 375.020 H.P.S. 812 WIDE BEARING SLEEVE	HLPTS-R12	Large Bearing Head with thin profile, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing. Thin profile allows for application of scuff liner over head surface.	0.399 0.1165 MAX. HLPTS-R12 THIN PROFILE WIDE BEARING SLEVE



Hertz/Penske Yellow Wide Bearing Encapsulated Head				HLPE(*)-R12-()PL WIDE BEARING ENCAPSULATED HEAD	
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves
HLPEHY-R12-9PL	0.500-0.625	0.562	2.170		
HLPEHY-R12-10PL	0.562-0.687	0.625	2.232		
HLPEHY-R12-11PL	0.625-0.750	0.687	2.295		
HLPEHY-R12-12PL	0.687-0.812	0.750	2.357		
HLPEHY-R12-13PL	0.750-0.875	0.812	2.420		
HLPEHY-R12-14PL	0.812-0.937	0.875	2.482		
HLPEHY-R12-15PL	0.875-1.000	0.937	2.545		
HLPEHY-R12-16PL	0.937-1.062	1.000	2.607		
HLPEHY-R12-17PL	1.000-1.125	1.062	2.670		
HLPEHY-R12-18PL	1.062-1.187	1.125	2.732	For exterior use against FRP Panels that are Hertz/Penske Yellow in color.	HLPSC-R12
HLPEHY-R12-19PL	1.125-1.250	1.187	2.795	Wide bearing encapsulated head	HLPSM-R12 HLPS-R12
HLPEHY-R12-20PL	1.187-1.312	1.250	2.857	helps to distribute clamp load to avoid dimpling or crazing of surface.	HLPTS-R12
HLPEHY-R12-21PL	1.250-1.375	1.312	2.920		
HLPEHY-R12-22PL	1.312-1.437	1.375	2.982		
HLPEHY-R12-23PL	1.375-1.500	1.437	3.045		
HLPEHY-R12-24PL	1.437-1.562	1.500	3.107		
HLPEHY-R12-25PL	1.500-1.625	1.562	3.170		
HLPEHY-R12-26PL	1.562-1.687	1.625	3.232		
HLPEHY-R12-27PL	1.625-1.750	1.687	3.295		
HLPEHY-R12-28PL	1.687-1.812	1.750	3.357		
HLPEHY-R12-29PL	1.750-1.875	1.812	3.420		

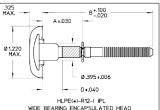
Standard HLP Clearance Head Sleeve					
Part Number	Recommended Usage				
HLPSC-R12	Clearance Head, for use in Logistics track type applications where head diameter clearance is needed.				



Standard HLP Medium Bearing Sleeve					
Part Number	Recommended Usage	.150 MAX			
HLPSM-R12	Medium Bearing Head, for use against interior bottom rails and other interior applications where fastener is bearing against metal surface.	8.399 4.006 HL MEDIUM			



Standard HLP Wide Bearing Sleeve			Standard H	LP Thin Profile Sleeve	
Part Number	Recommended Usage	,150 MAX.	Part Number	Recommended Usage	.100 MAX.
HLPS-R12	Large Bearing Head, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing.	0.399 0.006 MAX. 375.020 HLPS-R12 WIDE BEARING SLEEVE	HLPTS-R12	Large Bearing Head with thin profile, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing. Thin profile allows for application of scuff liner over head surface.	0.399 0.306 0.165 MAX. 375x.020 HLPTS-R12 THIN PROFILE WIDE BEARING SLEEVE



Yellow Wide Bear	ing Encapsulated	Head			HLPE(*)-R12-()PL WIDE BEARING ENCAPSULATED HEAD
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves
HLPERY-R12-9PL	0.500-0.625	0.562	2.170		
HLPERY-R12-10PL	0.562-0.687	0.625	2.232		
HLPERY-R12-11PL	0.625-0.750	0.687	2.295		
HLPERY-R12-12PL	0.687-0.812	0.750	2.357		
HLPERY-R12-13PL	0.750-0.875	0.812	2.420		
HLPERY-R12-14PL	0.812-0.937	0.875	2.482		
HLPERY-R12-15PL	0.875-1.000	0.937	2.545		
HLPERY-R12-16PL	0.937-1.062	1.000	2.607		
HLPERY-R12-17PL	1.000-1.125	1.062	2.670		
HLPERY-R12-18PL	1.062-1.187	1.125	2.732	For exterior use against FRP Panels that are Yellow in color. Wide bearing encapsulated head helps to distribute	HLPSC-R12
HLPERY-R12-19PL	1.125-1.250	1.187	2.795		HLPSM-R12 HLPS-R12
HLPERY-R12-20PL	1.187-1.312	1.250	2.857	clamp load to avoid dimpling or crazing of surface.	HLPTS-R12
HLPERY-R12-21PL	1.250-1.375	1.312	2.920		
HLPERY-R12-22PL	1.312-1.437	1.375	2.982		
HLPERY-R12-23PL	1.375-1.500	1.437	3.045		
HLPERY-R12-24PL	1.437-1.562	1.500	3.107		
HLPERY-R12-25PL	1.500-1.625	1.562	3.170	1	
HLPERY-R12-26PL	1.562-1.687	1.625	3.232		
HLPERY-R12-27PL	1.625-1.750	1.687	3.295		
HLPERY-R12-28PL	1.687-1.812	1.750	3.357		
HLPERY-R12-29PL	1.750-1.875	1.812	3.420		

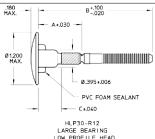
Standard HLP Clearance Head Sleeve			
Part Number Recommended Usage			
HLPSC-R12	Clearance Head, for use in Logistics track type applications where head diameter clearance is needed.		



Standard file Medium bearing 3				
Part Number	Recommended Usage			
HLPSM-R12	Medium Bearing Head, for use against interior bottom rails and other interior applications where fastener is bearing against metal surface.			



Standard HLP Wide Bearing Sleeve			Standard H	LP Thin Profile Sleeve	
Part Number	Recommended Usage	.150 MAX.	Part Number	Recommended Usage	.100 MAX. ——
HLPS-R12	Large Bearing Head, for use against interi- or FRP surfaces. Distributes clamp load to avoid gel coat crazing.	0.399 0 0150 MAX. 375.020 HLPS-R12 WIDE BEARING SLEEVE	HLPTS-R12	Large Bearing Head with thin profile, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing. Thin profile allows for application of scuff liner over head surface.	0.399 *.006 0.1165 MAX. 375*.020 HLPTS-R12 THIN PROFILE WIDE BEARING SLEEVE



Wide Bearing Ste	el Head				LARGE BEARING LOW PROFILE HEAD
Part Number	Grip Range	"A"	"B"	Recommended Usage	Compatible Sleeves
HLP30-R12-10PL	0.562-0.687	0.625	2.232		
HLP30-R12-11PL	0.625-0.750	0.687	2.295		
HLP30-R12-12PL	0.687-0.812	0.750	2.357		
HLP30-R12-13PL	0.750-0.875	0.812	2.420		
HLP30-R12-14PL	0.812-0.937	0.875	2.482		
HLP30-R12-15PL	0.875-1.000	0.937	2.545		
HLP30-R12-16PL	0.937-1.062	1.000	2.607		
HLP30-R12-17PL	1.000-1.125	1.062	2.670	For exterior use against FRP Panels	
HLP30-R12-18PL	1.062-1.187	1.125	2.732	where decals are applied over	LU DCC D10
HLP30-R12-19PL	1.125-1.250	1.187	2.795	the fastener head. Wide bearing encapsulated head helps to distribute	HLPSC-R12 HLPSM-R12
HLP30-R12-20PL	1.187-1.312	1.250	2.857		HLPS-R12 HLPTS-R12
HLP30-R12-21PL	1.250-1.375	1.312	2.920	allows decals to adhere and reduce	TEL TO REE
HLP30-R12-22PL	1.312-1.437	1.375	2.982	bubbling around head.	
HLP30-R12-23PL	1.375-1.500	1.437	3.045		
HLP30-R12-24PL	1.437-1.562	1.500	3.107		
HLP30-R12-25PL	1.500-1.625	1.562	3.170		
HLP30-R12-26PL	1.562-1.687	1.625	3.232		
HLP30-R12-27PL	1.625-1.750	1.687	3.295		
HLP30-R12-28PL	1.687-1.812	1.750	3.357		
HLP30-R12-29PL	1.750-1.875	1.812	3.420		

Standard HLP Clearance Head Sleeve			
Part Number	Recommended Usage		
HLPSC-R12	Clearance Head, for use in Logistics track type applications where head diameter clearance is needed.		



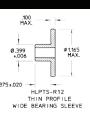
Standard HLP Medium Bearing Sleeve					
Part Number	Recommended Usage	.150 MAX			
HLPSM-R12	Medium Bearing Head, for use against interior bottom rails and other interior applications where fastener is bearing against metal surface.	0.399 4.006			



Standard HLP Wide Bearing Sleeve				
Part Number	Recommended Usage			
HLPS-R12	Large Bearing Head, for use against interi- or FRP surfaces. Distributes clamp load to avoid gel coat crazing.			
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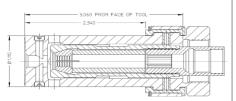


Standard HLP Thin Profile Sleeve			
Part Number	Recommended Usage		
HLPTS-R12	Large Bearing Head with thin profile, for use against interior FRP surfaces. Distributes clamp load to avoid gel coat crazing. Thin profile allows for application of scuff liner over head surface.		

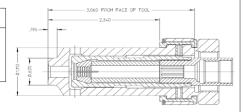


Hucktainer® Nose Assemblies

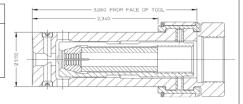
Part Number	Used with Tools		Notes
	2025	Air	Standard wide bearing nose, retaining
99-3464	2025\$	Air	pins keep pins from protruding from end of nose.
	2480	Hydraulic	Non-self releasing.



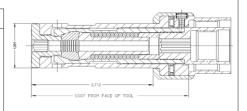
Used with Tools		Notes
2025	Air	Clearance nose for use with clearance
2025S	Air	sleeves in logistics tracks and other applications where interference is an
2480	Hydraulic	issue. Non-self releasing.
	2025 2025S	2025 Air 2025S Air



Part Number	Used with Tools		Notes
	2025L	Air	Wide bearing nose, for use with long
99-3464L	2025SL	Air	piston tools. Retaining pins keep pins from protruding from end of nose. Non-
	2480L	Hydraulic	self releasing.



Part Number	Used with Tools		Notes
99-3438	245	Air	
	246	Air	Standard wide bearing nose, self
	255	Air	releasing, pintails pass through both
	256	Air	directions without resistance.
	2580	Hydraulic	



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