SW2014 ((;))+						Re	evision level		Pov	ision Rec	ord	Chang	od	Date	Approv	ved	Date
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	Gara	i - Ci	Fund Cit	F	Manufactur	er I	Metric Thread				Di	mensio	n (mn	n)			
	Condu	it Size	Euro Size	F	Manufactur Reference	er I	Metric Thread A		B		Di	mensio	-	1	E	F (/	۹/F)
	Condu in.	it Size	Euro Size (NW)	F F		er I			B mm	in.		1	-	1	<u> </u>	F (/ in.	4∕F) mm
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	in.	mm	(NW)	Part Number	Reference Number FPAX16-BFN	V16-90	A	in.	mm	in.	C mm	D in.) mm	in.	mm	in.	mm
	in. 3/8 1/2 3/4	mm 16 21 28	(NW) 12 17 23	Part Number HGL038-90F-M16 HGL050-90F-M20 HGL075-90F-M25	Reference Number FPAX16-BFN FPAX21-BFN FPAX28-BFN	V116-90 V120-90 V125-90	A M16 X 1.5 M20 X 1.5 M25 X 1.5	in. 0.55 0.55 0.59	mm 14 14 15	in. 2.48 2.68 3.19	c mm 63 68 81	in. 1.14 1.26 1.73	mm 29 32 44	in. 0.41 0.55 0.75	mm 10.5 14.0 19.0	in. 0.79 0.94 1.14	mm 20 24 29
	in. 3/8 1/2	mm 16 21	(NW) 12 17 23 29	Part Number HGL038-90F-M16 HGL050-90F-M20	Reference Number FPAX16-BFN FPAX21-BFN FPAX28-BFN FPAX34-BFN	V116-90 V120-90 V125-90 V132-90	A M16 X 1.5 M20 X 1.5 M25 X 1.5 M32 X 1.5	in. 0.55 0.55 0.59 0.63	mm 14 14 15 16	in. 2.48 2.68 3.19 3.58	63 68 81 91	in. 1.14 1.26 1.73 2.01	mm 29 32 44 51	in. 0.41 0.55 0.75 0.96	mm 10.5 14.0 19.0 24.5	in. 0.79 0.94 1.14 1.5	mm 20 24 29 38
	in. 3/8 1/2 3/4	mm 16 21 28 34 42	(NW) 12 17 23	Part Number HGL038-90F-M16 HGL050-90F-M20 HGL075-90F-M25	Reference Number FPAX16-BFN FPAX21-BFN FPAX28-BFN FPAX34-BFN	V116-90 V120-90 V125-90 V132-90	A M16 X 1.5 M20 X 1.5 M25 X 1.5	in. 0.55 0.55 0.59	mm 14 14 15	in. 2.48 2.68 3.19	c mm 63 68 81	in. 1.14 1.26 1.73	mm 29 32 44	in. 0.41 0.55 0.75	mm 10.5 14.0 19.0	in. 0.79 0.94 1.14	mm 20 24 29
	in. 3/8 1/2 3/4 1.00	mm 16 21 28 34	(NW) 12 17 23 29	Part Number HG L038-90F-M16 HG L050-90F-M20 HG L075-90F-M25 HG L100-90F-M32	ReferenceNumberFPAX16-BFNFPAX21-BFNFPAX28-BFNFPAX34-BFNFPAX42-BFN	M16-90 M20-90 M25-90 M32-90 M50-90	A M16 X 1.5 M20 X 1.5 M25 X 1.5 M32 X 1.5	in. 0.55 0.55 0.59 0.63	mm 14 14 15 16	in. 2.48 2.68 3.19 3.58	63 68 81 91	in. 1.14 1.26 1.73 2.01	mm 29 32 44 51	in. 0.41 0.55 0.75 0.96	mm 10.5 14.0 19.0 24.5	in. 0.79 0.94 1.14 1.5	mm 20 24 29 38
Material	in. 3/8 1/2 3/4 1.00 1.25 1.50	mm 16 21 28 34 42 54	(NW) 12 17 23 29 36	Part Number HG L038-90F-M16 HG L050-90F-M20 HG L075-90F-M25 HG L100-90F-M32 HG L125-90F-M40 HG L150-90F-M50	Reference Number FPAX16-BFN FPAX21-BFN FPAX28-BFN FPAX34-BFN FPAX42-BFN FPAX54-BFN	V116-90 V120-90 V125-90 V132-90 V150-90 V150-90	A M16 X 1.5 M20 X 1.5 M25 X 1.5 M32 X 1.5 M50 X 1.5 M50 X 1.5	in. 0.55 0.55 0.59 0.63 0.55 0.55	mm 14 14 15 16 14 14	in. 2.48 2.68 3.19 3.58 4.53 4.61	mm 63 68 81 91 115 117	in. 1.14 1.26 1.73 2.01 2.48 2.99	mm 29 32 44 51 63	in. 0.41 0.55 0.75 0.96 1.54	mm 10.5 14.0 19.0 24.5 39.0 39.0	in. 0.79 0.94 1.14 1.5 2.05	mm 20 24 29 38 52 52
	in. 3/8 1/2 3/4 1.00 1.25 1.50 Units: inc Dimension	mm 16 21 28 34 42 54	(NW) 12 17 23 29 36 48	Part Number HGL038-90F-M16 HGL050-90F-M20 HGL075-90F-M25 HGL100-90F-M32 HGL125-90F-M40 HGL150-90F-M50	Reference Number FPAX16-BFN FPAX21-BFN FPAX28-BFN FPAX34-BFN FPAX42-BFN FPAX54-BFN	M16-90 M20-90 M25-90 M32-90 M50-90 M50-90	A M16 X 1.5 M20 X 1.5 M25 X 1.5 M32 X 1.5 M50 X 1.5 M50 X 1.5 10/27/20	in. 0.55 0.55 0.59 0.63 0.55 0.55 16	mm 14 14 15 16 14 14 14	in. 2.48 2.68 3.19 3.58 4.53 4.61	C mm 63 68 81 91 115 117 L-90F S	In. In. 1.14 In. 1.26 In. 1.73 In. 2.01 In. 2.48 In. 2.99 In.	mm 29 32 44 51 63 76	in. 0.41 0.55 0.75 0.96 1.54 1.54	mm 10.5 14.0 19.0 24.5 39.0 39.0	in. 0.79 0.94 1.14 1.5 2.05 2.05	mm 20 24 29 38 52 52 1:1
PA66 / NICKEL PLATED	in. 3/8 1/2 3/4 1.00 1.25 1.50 Units: inc	mm 16 21 28 34 42 54 hes without details to:	(NW) 12 17 23 29 36 48 	Part Number HG L038-90F-M16 HG L050-90F-M20 HG L075-90F-M25 HG L100-90F-M32 HG L125-90F-M40 HG L150-90F-M50	Reference Number FPAX16-BFN FPAX21-BFN FPAX28-BFN FPAX34-BFN FPAX54-BFN Drawn C Approved	M16-90 M20-90 M25-90 M32-90 M50-90 M50-90	A M16 X 1.5 M20 X 1.5 M25 X 1.5 M32 X 1.5 M50 X 1.5 M50 X 1.5 10/27/20	in. 0.55 0.59 0.63 0.55 0.55 16 16	mm 14 14 15 16 14 14 14 14 rticle/Type-	in. 2.48 2.68 3.19 3.58 4.53 4.61 ^{-№0} HG ELAGU	c mm 63 68 81 91 115 117 L-90F S JARD S	in. 1.14 1.26 1.73 2.01 2.48 2.99 ERIES 60 DEC	mm 29 32 44 51 63 76	in. 0.41 0.55 0.75 0.96 1.54 1.54	mm 10.5 14.0 19.0 24.5 39.0 39.0 Sco N. Pro-	in. 0.79 0.94 1.14 1.5 2.05 2.05 cale	mm 20 24 29 38 52 52 1:1 mber
Material PA66 / NICKEL PLATED BRASS	in. 3/8 1/2 3/4 1.00 1.25 1.50 Units: inc Dimension tolerances .XXX = .XXX =	mm 16 21 28 34 42 54 hes without details to: ±.0005 ±.005	(NW) 12 17 23 29 36 48 	Part Number HG L038-90F-M16 HG L050-90F-M20 HG L075-90F-M25 HG L100-90F-M32 HG L125-90F-M40 HG L150-90F-M50	Reference Number FPAX16-BFN FPAX21-BFN FPAX28-BFN FPAX34-BFN FPAX54-BFN Drawn C Approved	M16-90 M20-90 M25-90 M32-90 M50-90 M50-90	A M16 X 1.5 M20 X 1.5 M25 X 1.5 M32 X 1.5 M50 X 1.5 M50 X 1.5 10/27/20	in. 0.55 0.59 0.63 0.55 0.55 16 16	mm 14 14 15 16 14 14 14 rticle/Type- itle	in. 2.48 2.68 3.19 3.58 4.53 4.61 ^{-№} HG ELAGU BOW FI	C mm 63 68 81 91 115 117 L-90F S JARD S	in. 1.14 1.26 1.73 2.01 2.48 2.99 SERIES 30 DEG 5 W/ BF	mm 29 32 44 51 63 76 8REE	in. 0.41 0.55 0.75 0.96 1.54 1.54 5 NYLO	mm 10.5 14.0 19.0 24.5 39.0 39.0 39.0 Sc N EL,	in. 0.79 0.94 1.14 1.5 2.05 2.05 cale	mm 20 24 29 38 52 52 1:1
	in. 3/8 1/2 3/4 1.00 1.25 1.50 Units: inc Dimension tolerances .XXX = .XXX = .XX = .XX = .XX = .X = .X = .X =	mm 16 21 28 34 42 54 hes without details to: ±.005 ±.005 ±.01	(NW) 12 17 23 29 36 48 	Part Number HG L038-90F-M16 HG L050-90F-M20 HG L075-90F-M25 HG L100-90F-M32 HG L125-90F-M40 HG L150-90F-M50	Reference Number FPAX16-BFN FPAX21-BFN FPAX28-BFN FPAX34-BFN FPAX42-BFN FPAX54-BFN	M16-90 M20-90 M25-90 M32-90 M50-90 M50-90 SRW (AC	A M16 X 1.5 M20 X 1.5 M25 X 1.5 M32 X 1.5 M50 X 1.5 M50 X 1.5 10/27/20 10/27/20	in. 0.55 0.59 0.63 0.55 0.55 16 16	mm 14 14 15 16 14 14 14 rticle/Type- itle	in. 2.48 2.68 3.19 3.58 4.53 4.61 ^{-No} HG ELAGU BOW FI	C mm 63 68 81 91 115 117 L-90F S JARD S	in. 1.14 1.26 1.73 2.01 2.48 2.99 SERIES 30 DEG 5 W/ BF	29 32 44 51 63 76 BREE RASS HRE	in. 0.41 0.55 0.75 0.96 1.54 1.54	mm 10.5 14.0 19.0 24.5 39.0 39.0 Sc N EL, 8	in. 0.79 0.94 1.14 1.5 2.05 2.05 2.05 cale	mm 20 24 29 38 52 52 1:1 mber 5-0862
PA66 / NICKEL PLATED	in. 3/8 1/2 3/4 1.00 1.25 1.50 Units: inc Dimension tolerances .xxx = .xxx =	mm 16 21 28 34 42 54 without details to: ±.0005 ±.001 ±.005 ±.01 ±.005 ±.01 ±.06 ±0.5*	(NW) 12 17 23 29 36 48 The draw Helli issued not rey disclo eithe with Helli	Part Number HG L038-90F-M16 HG L050-90F-M20 HG L075-90F-M25 HG L100-90F-M32 HG L125-90F-M40 HG L150-90F-M50	Reference Number FPAX16-BFN FPAX21-BFN FPAX28-BFN FPAX34-BFN FPAX54-BFN Drawn Crawn Crawn FPAX54-BFN Breat C	M16-90 M20-90 M25-90 M32-90 M50-90 M50-90 M50-90 M50-90 M50-90 M50-90 M50-90 M50-90 M50-90 M50-90	A M16 X 1.5 M20 X 1.5 M25 X 1.5 M32 X 1.5 M50 X 1.5 M50 X 1.5 10/27/20	in. 0.55 0.59 0.63 0.55 0.55 16 16	mm 14 14 15 16 14 14 14 14 rticle/Type- itle HE ELE IN Drawing-No	in. 2.48 2.68 3.19 3.58 4.53 4.61 ^{-No} HG ELAGU BOW FI	mm 63 68 81 91 115 117 L-90F S JARD S ITTING	in. 1.14 1.26 1.73 2.01 2.48 2.99 SERIES 60 DEG 5 W/ BF TRIC T	mm 29 32 44 51 63 76 76 REE RASS HRE/ PROD	in. 0.41 0.55 0.75 0.96 1.54 1.54 1.54 5 SWIVI AD, IP6	mm 10.5 14.0 19.0 24.5 39.0 39.0 Sc N EL, 8 Phase Fc	in. 0.79 0.94 1.14 1.5 2.05 2.05 2.05 cale oject Nu PRP 1: ormat	mm 20 24 29 38 52 52 1:1 mber