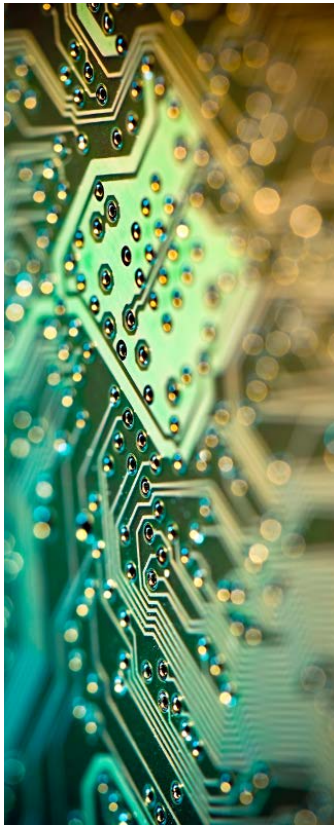


Spacers, Pillars and Stand-offs



An Altra Industrial Motion Company

Huco Dynatork

Huco Engineering Industries Ltd.
Merchant Drive, Hertford, SG13 7BL UK
Tel: +44 (0)1992 501900
Fax: +44 (0)1992 509890

Web: www.huco.com
Email: sales@huco.com

Contents

Stand-offs

Brass	Electroplated Nickel	5
Polystyrene	Colour	5
	Service Temperature	5

Spacers - Round

Acetal	Colour	5
	Service Temperature	5

Spacers - Hexagonal

Mild Steel	Electro-zinc plated	6
Brass	Electro-nickel plated	6
Nylon	Glass reinforced	6
	Service Temperature	6
	Colour	6

Pillars

Mild Steel	Electro-zinc plated	7
Brass	Electro-nickel plated	8
Nylon	Glass reinforced	8
	Service Temperature	8
Nylon	Colour	8
	Service Temperature	8
	Colour	9
Studs/Bushes	RPN/RUN - Brass self colour	9
	HMN/HEN - Brass Ni plated	9
Studs	Mild Steel - Electro-zinc plated	10
	Bushes - Brass self colour	10
	Electrical properties	10

'Klip-Loc' Pillars

Nylon	Colour	11
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Connector Screw Locks

Mild Steel	Electro-zinc plated	12
Brass	Electro-nickel plated	12

Quality Spacers and Pillars from a Reliable Source

- Comprehensive range of products available for next day delivery by 1st class post or courier
- All products of EC origin
- Ability to source and manufacture non-standard products in a range of materials
- Quantity discounts from 300 pieces apply to standard products
- Standard pack size 100
- Stainless steel available to special order
- RoHS and REACH

Spacers, Pillars and Stand-offs

Spacers - Hexagonal

Materials and Finishes

Mild Steel:

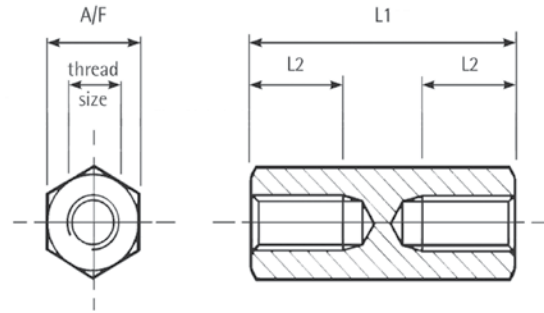
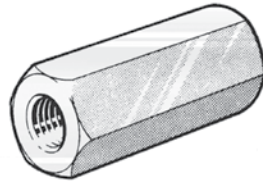
- Electro-zinc plated

Brass:

- Electro-nickel plated

Nylon:

- Glass reinforced
- Max Service Temp: 110° C
- Colour - Black



Mild Steel Spacers · Hexagonal

*Other lengths available subject to minimum order quantities.
Further details and part references supplied on application.

Reference	Thread	A/F	L1 Standard Lengths (mm)																							
HTA.3050	M3	5.0	-	-	-	05	08	10	11	12	15	18	20	25	30	35	40	45	50	60	-	-	-	-		
HTA.4070	M4	7.0	-	-	-	05	08	10	11	12	15	18	20	25	30	35	40	45	50	60	70	-	-	-		
HTA.5080	M5	8.0	-	-	-	05	08	10	11	12	15	18	20	25	30	35	40	45	50	60	70	-	-	-		
HTA.6010	M6	10.0	-	-	-	05	08	10	11	12	15	18	20	25	30	35	40	45	50	60	70	-	-	-		
HTA.8013	M8	13.0	-	-	-	-	-	-	-	-	15	18	20	25	30	35	40	45	50	60	70	80	90	100		
			L2		TAPPED THROUGH										M3, M4 & M5 = 10mm M6 =12mm M8 =15mm											

Brass Spacers · Hexagonal

Reference	Thread	A/F	L1 Standard Lengths (mm)																							
HTL.2040	M2	4.0	-	-	-	05	08	10	11	12	15	16	18	20	25	30	-	-	-	-	-	-	-	-		
HTL.2550	M2.5	5.0	-	-	-	05	08	10	11	12	15	16	18	20	25	30	-	-	-	-	-	-	-	-		
			L2		TAPPED THROUGH										8mm											

Reference	Thread	A/F	L1 Standard Lengths (mm)																							
HTL.3050	M3	5.0	-	-	05	06	08	10	11	12	13	14	15	16	18	20	25	30	35	40	45	50	60	-		
HTL.3055	M3	5.5	-	-	05	06	08	10	11	12	13	14	15	16	18	20	25	30	35	40	45	50	60	-		
HTL.4070	M4	7.0	-	-	05	06	08	10	11	12	13	14	15	16	18	20	25	30	35	40	45	50	60	70		
HTL.5080	M5	8.0	-	-	05	06	08	10	11	12	13	14	15	16	18	20	25	30	35	40	45	50	60	70		
			L2		TAPPED THROUGH										10mm											

Nylon Spacers · Hexagonal

Reference	Thread	A/F	L1 Standard Lengths (mm)																							
HTN.2550	M2.5	5.0	-	-	-	06	08	10	12	15	18	20	25	30	35	-	-	-	-	-	-	-	-	-		
HTN.3060	M3	6.0	-	-	-	06	08	10	12	15	18	20	25	30	35	-	-	-	-	-	-	-	-	-		
HTN.4080	M4	8.0	-	-	-	06	08	10	12	15	18	20	25	30	35	40	-	-	-	-	-	-	-	-		
HTN.5010	M5	10.0	-	-	-	-	-	10	12	15	18	20	25	30	35	40	-	-	-	-	-	-	-	-		
HTN.6010	M6	10.0	-	-	-	-	-	10	12	15	18	20	25	30	35	40	-	-	-	-	-	-	-	-		
			L2		TAPPED THROUGH										10mm											

Spacers, Pillars and Stand-offs

Pillars

Materials and Finishes

Mild Steel:

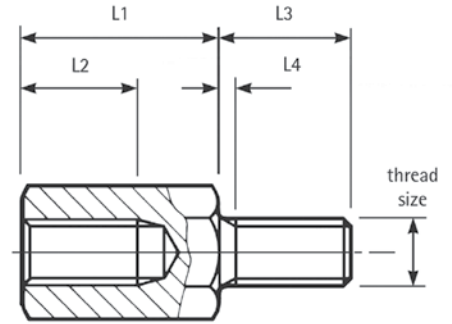
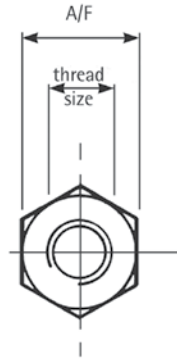
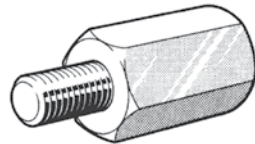
- Electro-zinc plated

Brass:

- Electro-nickel plated

Nylon:

- Glass reinforced
- Max Service Temp: 110° C
- Colour - Black



Mild Steel Pillars

Reference	Thread	A/F	L4	L1 Standard Lengths (mm)																					
HSA.3050	M3	5.0	1.0	-	-	05	06	08	10	12	15	16	18	20	25	30	35	40	45	50	60	-	-	-	-
HSA.4070	M4	7.0	1.4	-	-	-	-	08	10	12	15	16	18	20	25	30	35	40	45	50	60	-	-	-	-
HSA.5080	M5	8.0	1.6	-	-	-	-	-	10	12	15	16	18	20	25	30	35	40	45	50	65	70	-	-	-
				L2	-	03	03	04	06	08	08	08	08	08	10	10	10	10	10	10	10	10	-	-	-
				L3	-	08	08	08	08	08	08	08	08	08	10	10	10	10	10	10	10	10	-	-	-

Reference	Thread	A/F	L4	L1 Standard Lengths (mm)																					
HSA.6010	M6	10.0	2.0	-	-	-	-	10	12	15	18	20	25	30	35	40	45	50	60	70	80	90	-	-	-
				L2	-	-	-	06	08	08	12	12	13	13	13	13	13	13	13	13	13	13	-	-	-
				L3	-	-	-	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	-	-	-

Reference	Thread	A/F	L4	L1 Standard Lengths (mm)																					
HSA.8013	M8	13.0	2.5	-	-	-	-	-	-	15	18	20	25	30	35	40	45	50	45	60	70	80	90	100	120
				L2	-	-	-	-	-	08	12	12	15	15	15	15	15	15	15	15	15	15	15	15	15
				L3	-	-	-	-	-	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14

Spacers, Pillars and Stand-offs

Brass Pillars

Reference	Thread	A/F	L4	L1 Standard Lengths (mm)																					
HSL.2040	M2	4.0	0.8	-	-	05	06	08	10	11	12	14	16	18	20	25	30	-	-	-	-	-	-	-	-
HSL.2550	M2.5	5.0	0.9	-	-	05	06	08	10	11	12	14	16	18	20	25	30	-	-	-	-	-	-	-	-
			L2	-	03	03	04	06	06	06	06	06	06	06	06	06	06	-	-	-	-	-	-	-	-
			L3	-	06	06	06	06	06	06	06	06	06	06	06	06	06	-	-	-	-	-	-	-	-

Reference	Thread	A/F	L4	L1 Standard Lengths (mm)																							
HSL.3050	M3	5.0	1.0	-	-	05	06	07	08	09	10	11	12	14	15	16	18	20	25	30	35	40	50	60	-		
HSL.4070	M4	7.0	1.4	-	-	-	-	-	08	09	10	11	12	14	15	16	18	20	25	30	35	40	50	60	-		
HSL.5080	M5	8.0	1.6	-	-	-	-	-	-	-	10	11	12	14	15	16	18	20	25	30	35	40	50	60	-		
			L2	-	03	03	06	08	08	08	08	08	08	08	08	08	08	10	10	10	10	10	10	10	10		
			L3	-	08	08	08	08	08	08	08	08	08	08	08	08	08	10	10	10	10	10	10	10	10		

Nylon Pillars

Reference	Thread	A/F	L1 Standard Lengths (mm)																							
HSN.3060	M3	6.0	-	-	-	-	-	10	12	15	18	20	25	30	35	40	45	50	-	-	-	-	-	-	-	
HSN.4080	M4	8.0	-	-	-	-	-	10	12	15	18	20	25	30	35	40	45	50	-	-	-	-	-	-	-	
HSN.5010	M5	10.0	-	-	-	-	-	10	12	15	18	20	25	30	35	40	45	50	-	-	-	-	-	-	-	
			L2	-	-	-	-	07	09	10	10	10	10	10	10	10	10	10	-	-	-	-	-	-	-	
			L3	-	-	-	-	08	08	08	08	08	08	08	08	08	08	08	-	-	-	-	-	-	-	

Spacers, Pillars and Stand-offs

Pillars

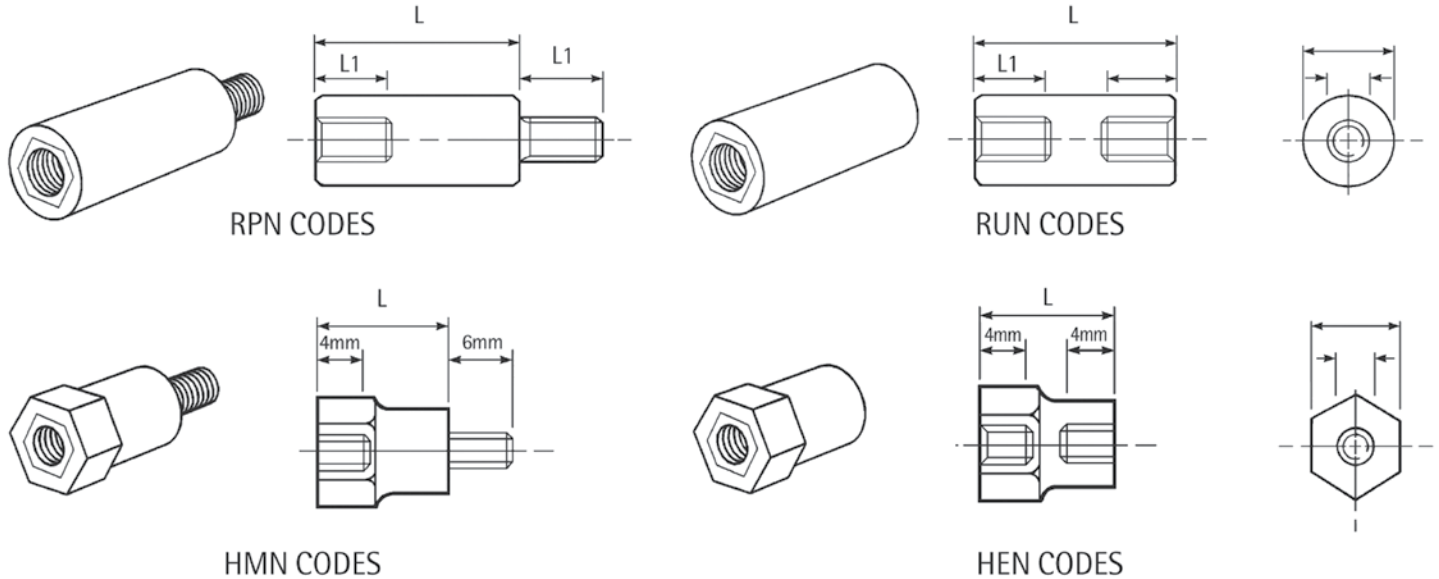
Materials and Finishes

Nylon:

- Max Service Temp: 85° C
- Colour - White

Studs/Bushes:

- RPN/RUN - Brass self-colour
- HMN/HEN - Brass Ni plated



Nylon Spacers Pillar · Round

Reference	Thread	ØD	L1	L1 Standard Lengths (mm)							
RUN.3080	M3	8.0	6.0	15	20	25	30	35	40	45	50
RUN.4080	M4	8.0	6.0	15	20	25	30	35	40	45	50
RUN.5090	M5	9.5	10.0	-	-	25	30	35	40	45	50
RUN.6012	M6	12.7	12.7	-	-	25	30	35	40	45	50

Reference	Thread	ØD	L1	L1 Standard Lengths (mm)							
RPN.3080	M3	8.0	6.0	15	20	25	30	35	40	45	50
RPN.4080	M4	8.0	6.0	15	20	25	30	35	40	45	50
RPN.5090	M5	9.5	10.0	-	-	25	30	35	40	45	50
RPN.6012	M6	12.7	12.7	-	-	25	30	35	40	45	50

Nylon Micro-Pillars · Hexagonal

Reference	Thread	AF	L1 Standard Lengths (mm)					
HEN.2560	M2.5	6.0	07	08	09	10	11	12
HEN.3070	M3	7.0	-	-	09	10	11	12

Reference	Thread	AF	L1 Standard Lengths (mm)					
HMN.2560	M2.5	-	-	-	09	10	11	12
HMN.3070	M3	-	-	-	09	10	11	12

Spacers, Pillars and Stand-offs

Pillars

A quality range of insulating pillars in BP5400 High Heat / Super Impact Premium polystyrene, light grey in colour, ranging from 10mm to 120mm in length.

Materials and Finishes

Studs:

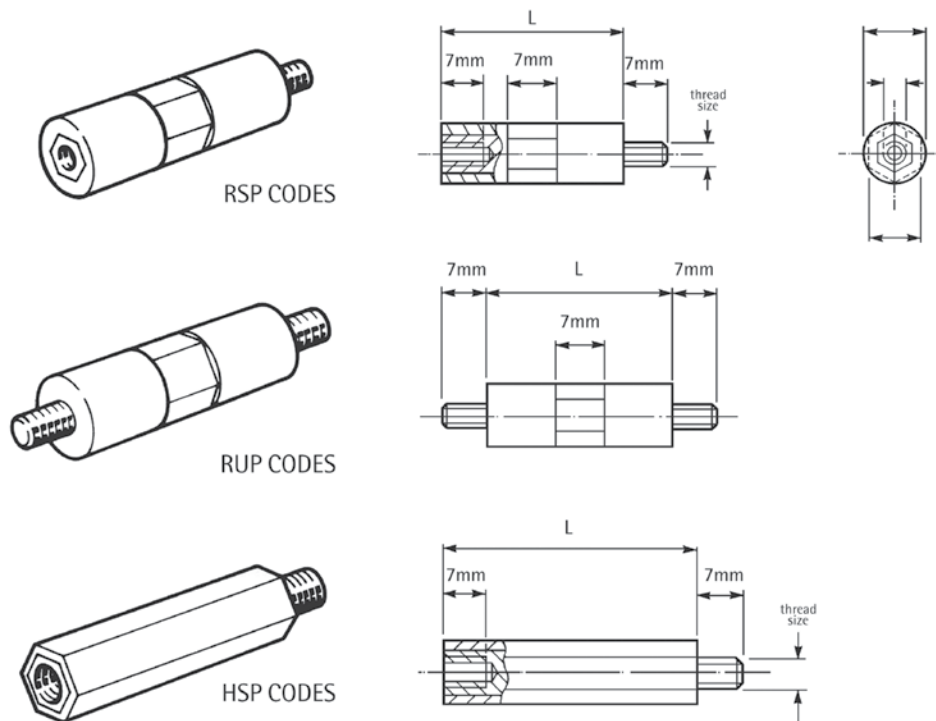
- Mild steel: Electro-zinc plated
- Colour - White

Bushes:

- Brass self-colour

Electrical Properties:

- Dissipation factor: IEC 250 4.10-4
- Insulation resistance: 10-13m.ohm
- Dielectric constant: IEC 250.25
- Dielectric strength: DIN 5348-1150 kV/mm
- Max service temp: 70°C



Polystyrene Pillars

Reference	Thread	ØD	A/F	L1 Standard Lengths (mm)																					
				-	-	-	-	15	20	25	30	40	-	55	-	-	-	-	-	-	-	-			
RSP.3070	M3	7.0	6.0	-	-	-	-	-	15	20	25	30	40	-	55	-	-	-	-	-	-	-	-	-	
RSP.4010	M4	10.0	9.0	-	-	-	-	10	15	20	25	30	40	-	55	60	-	-	-	90	-	-	-	-	
RUP.3070	M3	7.0	6.0	-	-	-	-	-	15	20	25	30	40	-	55	-	-	-	-	-	-	-	-	-	
HSP.5013	M5	-	13.0	-	-	-	-	-	15	20	-	30	-	-	55	-	70	-	85	-	-	-	-	-	
HSP.6013	M6	-	13.0	-	-	-	-	-	15	20	-	30	-	45	-	-	70	-	-	-	-	-	-	120	-

'Klip-Loc' Pillars

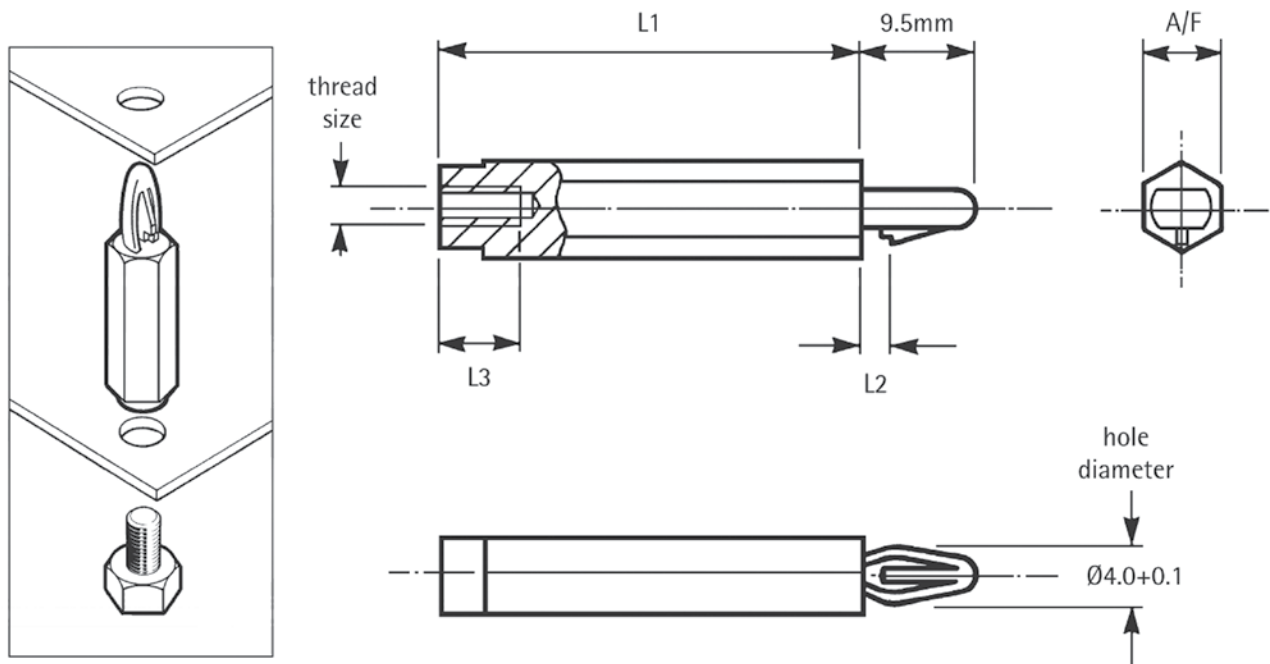
A range of screw mounted printed circuit board support pillars with Klip-Loc feature, allowing boards to be easily attached and removed.

Materials and Finishes

Nylon

- Colour - Black

Other lengths available to order, subject to minimum order quantities.



Klip-Loc Pillars

Reference	Thread	A/F	L2	L1 Standard Lengths (mm)																			
				-	-	-	-	06	08	10	12	15	18	20	25	30	35	40	50	-	-	-	-
HKN.3060	M3	6.0	2.1	-	-	-	-	06	08	10	12	15	18	20	25	30	35	40	50	-	-	-	-
HKN.3080	M3	8.0	1.8	-	-	-	-	06	08	10	12	15	18	20	25	30	35	40	50	-	-	-	-
HKN.4080	M4	8.0	1.8	-	-	-	-	06	08	10	12	15	18	20	25	30	35	40	50	-	-	-	-
			L3	-	-	-	3.0	4.0	5.0	6.0	7.5	9.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	-	-	-	-

Spacers, Pillars and Stand-offs

Connector Screw Locks

Any combination of M3 and 4NC can be specified for stud and tapped hole threads.

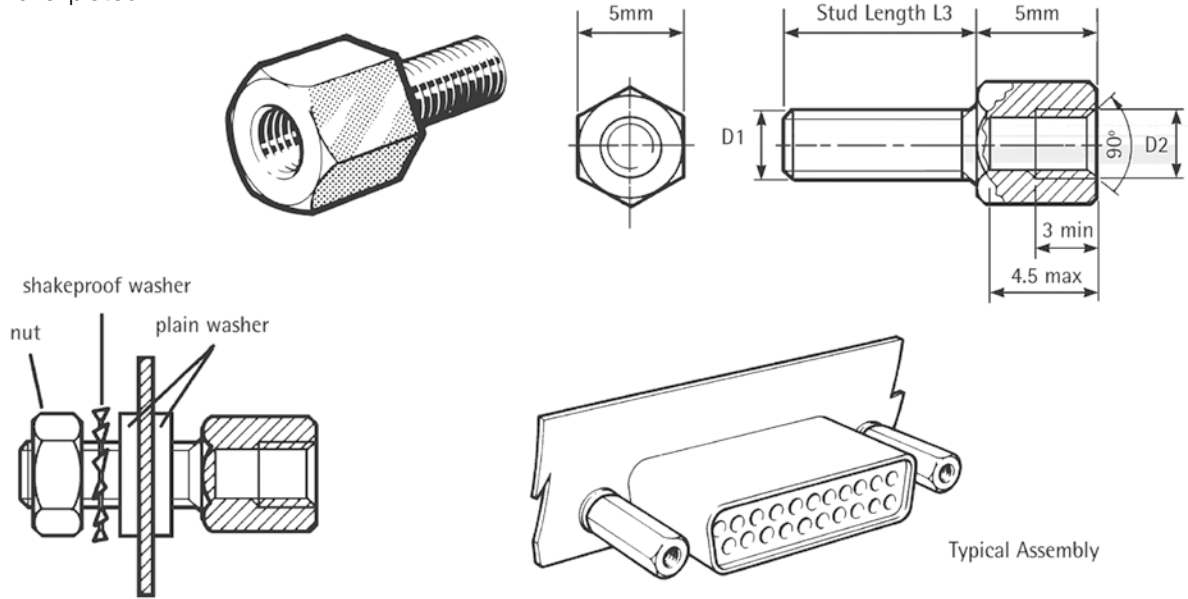
Materials and Finishes

Mild Steel

- Electro-zinc plated

Brass

- Electro-nickel plated



*Nuts and washers not supplied.

Brass · Nickel Plated Connector Screw Locks

Stud Thread D1	Internal Thread D2	Stud Length L3mm	Order Code	Stud Length L3mm	Order Code	Stud Length L3mm	Order Code
M3	M3	6	HSL.06.M3.M3	8	HSL.08.M3.M3	12	HSL.12.M3.M3
4NC	M3	6	HSL.06.4NC.M3	8	HSL.08.4NC.M3	12	HSL.12.4NC.M3
M3	4NC	6	HSL.06.M3.4NC	8	HSL.08.M3.4NC	12	HSL.12.M3.4NC
4NC	4NC	6	HSL.06.4NC.4NC	8	HSL.08.4NC.4NC	12	HSL.12.4NC.4NC

Steel · Zinc Plated Connector Screw Locks

Stud thread D1	Internal Thread D2	Stud Length L3mm	Order Code	Stud Length L3mm	Order Code	Stud Length L3mm	Order Code
M3	M3	6	HSA.06.M3.M3	8	HSA.08.M3.M3	12	HSA.12.M3.M3
4NC	M3	6	HSA.06.4NC.M3	8	HSA.08.4NC.M3	12	HSA.12.4NC.M3
M3	4NC	6	HSA.06.M3.4NC	8	HSA.08.M3.4NC	12	HSA.12.M3.4NC
4NC	4NC	6	HSA.06.4NC.4NC	8	HSA.08.4NC.4NC	12	HSA.12.4NC.4NC

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All Customer Service phone numbers shown in bold

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For application assistance:
1-888-829-6637 – Press #7

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Erie, PA - USA
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Chambersburg, PA - USA
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+55 (11) 4615-6300

TB Wood's

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1-888-829-6637 – Press #5
For application assistance:
1-888-829-6637 – Press #7
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1-800-800-6445

Matrix International

Electromagnetic Clutches and Brakes, Pressure Operated Clutches and Brakes
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+44 (0) 1356 602000
New Hartford, CT - USA
1-800-825-6544

Warner Electric

Electromagnetic Clutches and Brakes
New Hartford, CT - USA
1-800-825-6544
For application assistance:
1-800-825-9050
Saint Barthélemy d'Anjou, France
+33 (0)2 41 21 24 24
Precision Electric Coils and Electromagnetic Clutches and Brakes
Columbia City, IN - USA
1-260-244-6183

Engineered Bearing Assemblies

Kilian Manufacturing

Engineered Bearing Assemblies
Syracuse, NY - USA
1-315-432-0700

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Geared Motors
Esslingen, Germany
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Somerset, NJ - USA
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For application assistance:
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Nuttall Gear and Delroyd Worm Gear

Worm Gear and Helical Speed Reducers
Niagara Falls, NY - USA
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1-262-547-3357

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Twickenham, England
+44 (0) 20 8894 1161

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Stieber Clutch

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