



# **FASTENERS FOR SHEET METAL**

[www.trfastenings.com](http://www.trfastenings.com)

**Edition 4**



## Hank® Self Clinch Fasteners

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| Round Euro               | 17 | Hank-Loc® Hexagon           | 19 |
| Standoff Serrated Face   | 17 |                             |    |

## Blind Rivet Nuts

|  |    |  |    |
|--|----|--|----|
| Knurled Body Reduced Head - Open End   | 20 | Knurled Body Flange Head - Open End      | 21 |
| Knurled Body Reduced Head - Closed End | 20 | Knurled Body Flange Head - Closed End    | 21 |
| Plain Body Reduced Head - Open End     | 20 | Hexagon Body Flange Head - Open End      | 21 |
| Plain Body Reduced Head - Closed End   | 20 | Knurled Body Countersunk Head - Open End | 22 |
| Hexagon Body Reduced Head - Open End   | 21 |  |    |





## Blind Rivets

|                               |    |                                   |    |
|-------------------------------|----|-----------------------------------|----|
| Open Type Dome Head           | 23 | Multi-Grip Type Dome Head         | 24 |
| Open Type Countersunk Head    | 23 | Multi-Grip Type Countersunk Head  | 24 |
| Open Type Large Flange Head   | 23 | Multi-Grip Type Large Flange Head | 25 |
| Sealed Type Dome Head         | 23 | Peel Type Dome Head               | 25 |
| Sealed Type Countersunk Head  | 24 | Grooved Type Dome Head            | 25 |
| Sealed Type Large Flange Head | 24 |                                   |    |

## Weld Nuts

|                  |    |                                |    |
|------------------|----|--------------------------------|----|
| Hexagon Weld Nut | 26 | Wun-Loc® Self Locking Weld Nut | 26 |
| Square Weld Nut  | 26 |                                |    |

## K-Series® Nuts

|               |    |                    |    |
|---------------|----|--------------------|----|
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|---------------|----|--------------------|----|

## CD Weld Studs

|                         |    |                                  |    |
|-------------------------|----|----------------------------------|----|
| Threaded CD Weld Stud   | 28 | Internally Threaded CD Weld Stud | 28 |
| Unthreaded CD Weld Stud | 28 | Coarse Threaded CD Weld Stud     | 28 |

## Masking Caps & Plugs

|              |    |               |    |
|--------------|----|---------------|----|
| Masking Caps | 29 | Masking Plugs | 29 |
|--------------|----|---------------|----|

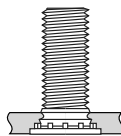
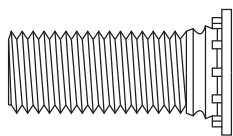
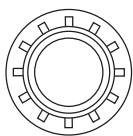
## Spring Steel Fasteners

|          |    |                    |    |
|----------|----|--------------------|----|
| Cage Nut | 30 | Flat Nut           | 30 |
| U Nut    | 30 | Torque Nut         | 31 |
| J Nut    | 30 | Multi Thread U Nut | 31 |

## Solid & Tubular Rivets

|                             |    |                              |    |
|-----------------------------|----|------------------------------|----|
| Round Head Solid Rivet      | 32 | Countersunk Head Solid Rivet | 32 |
| Flat Round Head Solid Rivet | 32 | Tubular Rivet                | 32 |

## Flush Head Stud TR-FH/TR-FHS/TR-FHA/TR-FH4

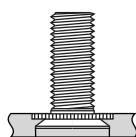
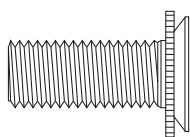
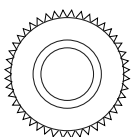


Category: Self Clinch Fastener  
Product: Stud  
Type: Flush Head  
Material: Steel (TR-FH), Stainless Steel (TR-FHS), Aluminium (TR-FHA), 400 Stainless Steel (TR-FH4)  
Thread: M2, M2.5, M3, M4, M5, M6, M8



[www.trfastenings.com/TR00028536](http://www.trfastenings.com/TR00028536)

## Concealed Head Stud for 1.6mm Sheet TR-CHC/TR-CHA

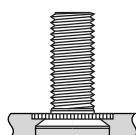
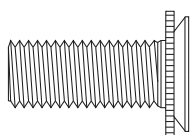
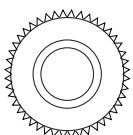


Category: Self Clinch Fastener  
Product: Stud  
Type: Concealed Head  
Material: Stainless Steel (TR-CHC), Aluminium (TR-CHA)  
Thread: M3, M4, M5



[www.trfastenings.com/TR00028454](http://www.trfastenings.com/TR00028454)

## Concealed Head Stud for 2.4mm Sheet TR-CFHC/TR-CFHA

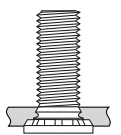
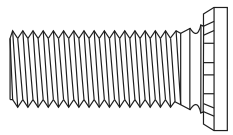
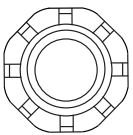


Category: Self Clinch Fastener  
Product: Stud  
Type: Concealed Head  
Material: Stainless Steel (TR-CFHC), Aluminium (TR-CFHA)  
Thread: M3, M4, M5



[www.trfastenings.com/TR00028495](http://www.trfastenings.com/TR00028495)

## Heavy Duty Stud TR-HFH/TR-HFHS



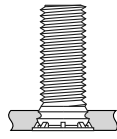
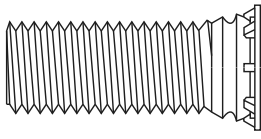
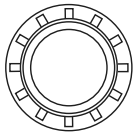
Category: Self Clinch Fastener  
Product: Stud  
Type: Heavy Duty  
Material: Steel (TR-HFH), Stainless Steel (TR-HFHS)  
Thread: M5, M6, M8, M10



[www.trfastenings.com/TR00029165](http://www.trfastenings.com/TR00029165)



## Low Displacement Stud TR-FHL/TR-FHLS

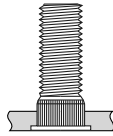
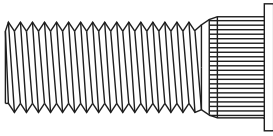
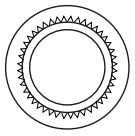


Category: Self Clinch Fastener  
Product: Stud  
Type: Low Displacement  
Material: Steel (TR-FHL), Stainless Steel (TR-FHLS)  
Thread: M2.5, M3, M4, M5



[www.trfastenings.com/TR00029270](http://www.trfastenings.com/TR00029270)

## Broaching Stud TR-KFH

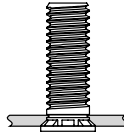
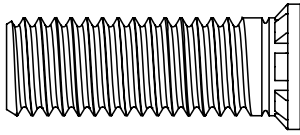
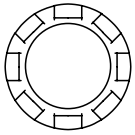


Category: Self Clinch Fastener  
Product: Stud  
Type: Broaching  
Material: Phosphor Bronze (TR-KFH)  
Thread: M2.5, M3, M4, M5



[www.trfastenings.com/TR00028436](http://www.trfastenings.com/TR00028436)

## Thin Sheet Stud TR-TFH

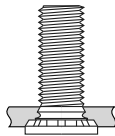
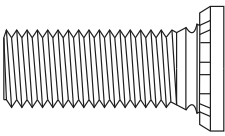
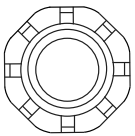


Category: Self Clinch Fastener  
Product: Stud  
Type: Thin Sheet  
Material: Steel (TR-TFH)  
Thread: M3, M4, M5



[www.trfastenings.com/TR00029427](http://www.trfastenings.com/TR00029427)

## Heavy Duty Thin Sheet Stud TR-HFE



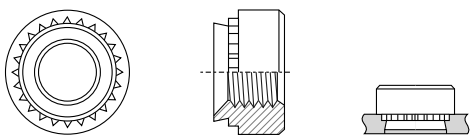
Category: Self Clinch Fastener  
Product: Stud  
Type: Heavy Duty Thin Sheet  
Material: Steel (TR-HFE)  
Thread: M5, M6, M8



[www.trfastenings.com/TR00038778](http://www.trfastenings.com/TR00038778)



## Nut TR-S/TR-CLS/TR-CLA/TR-SP4/TR-SP2

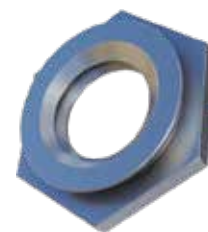
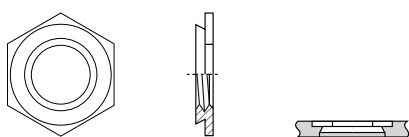


Category: Self Clinch Fastener  
Product: Nut  
Type: Nut  
Material: Steel (TR-S), Stainless Steel (TR-CLS), Aluminium (TR-CLA), 400 Stainless Steel (TR-SP4), A286 Stainless Steel (TR-SP2)  
Thread: M2, M2.5, M3, M3.5, M3 Alt, M4, M5, M6, M8, M10, M12



[www.trfastenings.com/TR00029909](http://www.trfastenings.com/TR00029909)

## Flush Nut TR-F/TR-F4

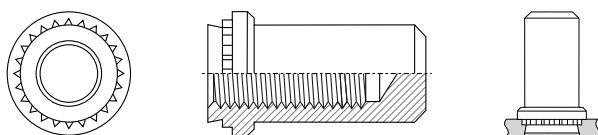


Category: Self Clinch Fastener  
Product: Nut  
Type: Flush  
Material: Stainless Steel (TR-F), 400 Series Stainless Steel (TR-F4)  
Thread: M2, M2.5, M3, M3.5, M3 Alt, M4, M5, M6



[www.trfastenings.com/TR00029891](http://www.trfastenings.com/TR00029891)

## Blind Nut TR-B/TR-BS

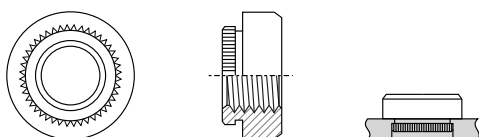


Category: Self Clinch Fastener  
Product: Nut  
Type: Blind  
Material: Steel (TR-B), Stainless Steel (TR-BS)  
Thread: M3, M4, M5, M6



[www.trfastenings.com/TR00029825](http://www.trfastenings.com/TR00029825)

## Broaching Nut TR-KF2/TR-KFS2



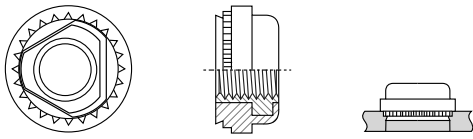
Category: Self Clinch Fastener  
Product: Nut  
Type: Broaching  
Material: Steel (TR-KF2), Stainless Steel (TR-KFS2)  
Thread: M2, M2.5, M3, M3.5, M4, M5



[www.trfastenings.com/TR00029866](http://www.trfastenings.com/TR00029866)



## Non-Locking Floating Nut TR-AS/TR-AC

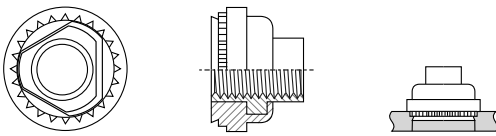


Category: Self Clinch Fastener  
Product: Nut  
Type: Non-Locking Floating  
Material: Steel (TR-AS), Stainless Steel (TR-AC)  
Thread: M3, M4, M5, M6

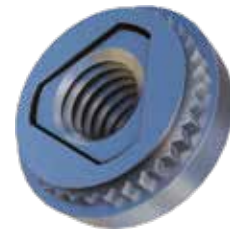


[www.trfastenings.com/TR00026768](http://www.trfastenings.com/TR00026768)

## Locking Floating Nut TR-LAS/TR-LAC

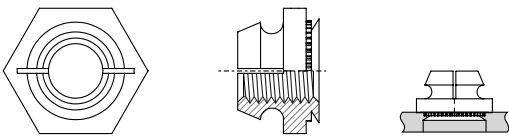


Category: Self Clinch Fastener  
Product: Nut  
Type: Locking Floating Nut  
Material: Steel (TR-LAS), Stainless Steel (TR-LAC)  
Thread: M3, M4, M5, M6

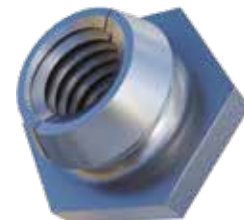


[www.trfastenings.com/TR00026731](http://www.trfastenings.com/TR00026731)

## Locking Nut TR-LK/TR-LKS

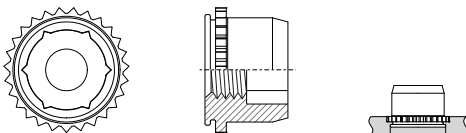


Category: Self Clinch Fastener  
Product: Nut  
Type: Locking  
Material: Steel (TR-LK), Stainless Steel (TR-LKS)  
Thread: M2.5, M3, M4, M5



[www.trfastenings.com/TR00030200](http://www.trfastenings.com/TR00030200)

## Nylon Lock Nut TR-PL/TR-PLC



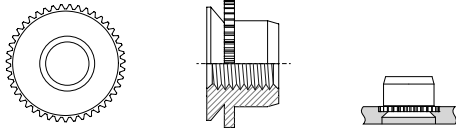
Category: Self Clinch Fastener  
Product: Nut  
Type: Nylon Lock Nut  
Material: Steel (TR-PL), Stainless Steel (TR-PLC)  
Thread: M3, M4, M5



[www.trfastenings.com/TR00030217](http://www.trfastenings.com/TR00030217)



## Non-Locking Mini Squeezed Nut TR-U/TR-FEX/TR-FEOX

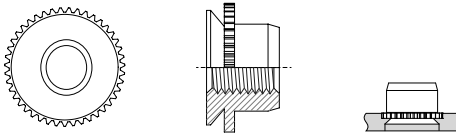


Category: Self Clinch Fastener  
Product: Nut  
Type: Non-Locking Mini Squeezed  
Material: Steel (TR-U/TR-FEX/TR-FEOX)  
Thread: M2, M3, M4, M5, M6



[www.trfastenings.com/TR00030224](http://www.trfastenings.com/TR00030224)

## Self-Locking Mini Squeezed Nut TR-UL/TR-FE/TR-FEO

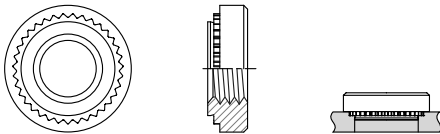


Category: Self Clinch Fastener  
Product: Nut  
Type: Self-Locking Mini Squeezed  
Material: Stainless Steel (TR-UL/TR-FE/TR-FEO)  
Thread: M2, M3, M4, M5, M6



[www.trfastenings.com/TR00030233](http://www.trfastenings.com/TR00030233)

## Thin Sheet Nut TR-SMPS

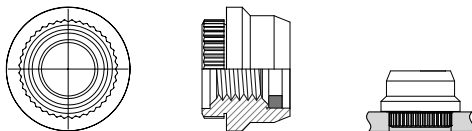


Category: Self Clinch Fastener  
Product: Nut  
Type: Thin Sheet  
Material: 300 Series Stainless Steel (TR-SMPS)  
Thread: M2.5, M3, M3.5



[www.trfastenings.com/TR00039596](http://www.trfastenings.com/TR00039596)

## Nylon Insert Broaching Nut TR-CFN



Category: Self Clinch Fastener  
Product: Nut  
Type: Nylon Insert Broaching  
Material: Steel (TR-CFN)  
Thread: M3

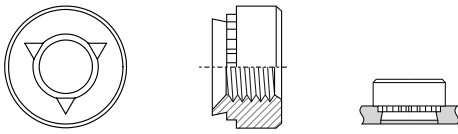


[www.trfastenings.com/TR00044323](http://www.trfastenings.com/TR00044323)

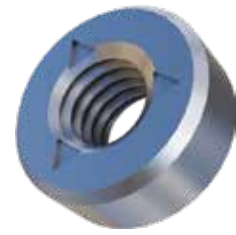




## Thread Lock Feature Nut TR-SL

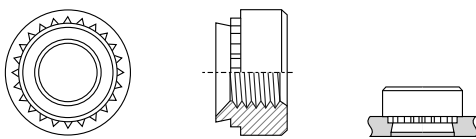


Category: Self Clinch Fastener  
Product: Nut  
Type: Thread Lock Feature  
Material: Steel (TR-SL)  
Thread: M3, M3.5, M4, M5, M6, M8



[www.trfastenings.com/TR00044325](http://www.trfastenings.com/TR00044325)

## Non-Locking H Nut TR-H

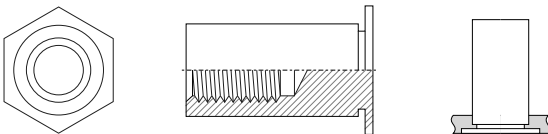


Category: Self Clinch Fastener  
Product: Nut  
Type: Non-Locking H  
Material: Steel (TR-H)  
Thread: M10

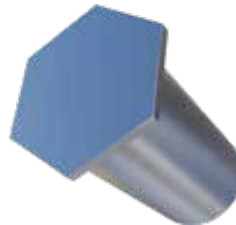


[www.trfastenings.com/TR00039594](http://www.trfastenings.com/TR00039594)

## Blind Standoff TR-BSO/TR-BSOS/TR-BSOA/TR-BSO4

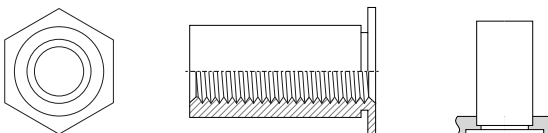


Category: Self Clinch Fastener  
Product: Standoff  
Type: Blind  
Material: Steel (TR-BSO), Stainless Steel (TR-BSOS), Aluminium (TR-BSOA), 400 Stainless Steel (TR-BSO4)  
Thread: M2, M2.5, M3, M3 Alt, M4, M5



[www.trfastenings.com/TR00026983](http://www.trfastenings.com/TR00026983)

## Through Standoff TR-SO/TR-SOS/TR-SOA/TR-SO4



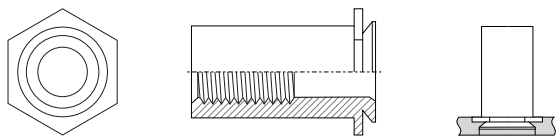
Category: Self Clinch Fastener  
Product: Standoff  
Type: Through  
Material: Steel (TR-SO), Stainless Steel (TR-SOS), Aluminium (TR-SOA), 400 Stainless Steel (TR-SO4)  
Thread: M2, M2.5, M3, M3 Alt, M4, M5



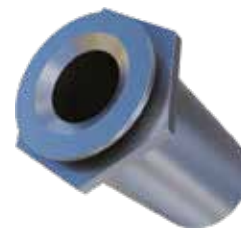
[www.trfastenings.com/TR00027907](http://www.trfastenings.com/TR00027907)



## Concealed Head Standoff for 1.6mm Sheet TR-CSS

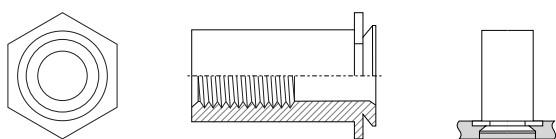


Category: Self Clinch Fastener  
Product: Standoff  
Type: Concealed Head for 1.6mm Sheet  
Material: Stainless Steel (TR-CSS)  
Thread: M3, M4, M5

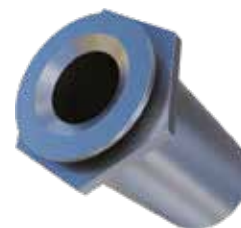


[www.trfastenings.com/TR00027804](http://www.trfastenings.com/TR00027804)

## Concealed Head Standoff for 2.4mm Sheet TR-CSOS

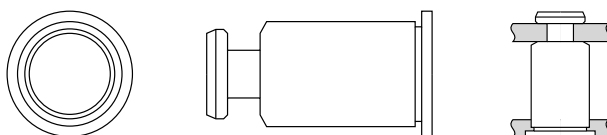


Category: Self Clinch Fastener  
Product: Standoff  
Type: Concealed Head for 2.4mm min. Sheet  
Material: Stainless Steel (TR-CSOS)  
Thread: M3, M4, M5, M6



[www.trfastenings.com/TR00027822](http://www.trfastenings.com/TR00027822)

## Hole Slide Standoff TR-SKC

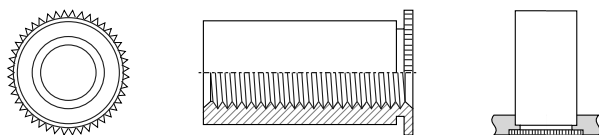


Category: Self Clinch Fastener  
Product: Standoff  
Type: Hole Slide  
Material: Stainless Steel (TR-SKC)  
Dia. Code: 61.5



[www.trfastenings.com/TR00027851](http://www.trfastenings.com/TR00027851)

## Close To Edge Standoff TR-DSO/TR-DSOS



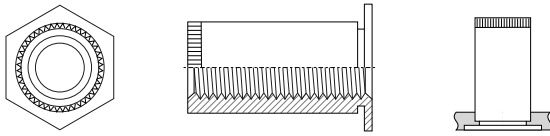
Category: Self Clinch Fastener  
Product: Standoff  
Type: Close To Edge  
Material: Steel (TR-DSO), Stainless Steel (TR-DSOS)  
Thread: M3



[www.trfastenings.com/TR00027898](http://www.trfastenings.com/TR00027898)



## Grounding Standoff TR-SOSG

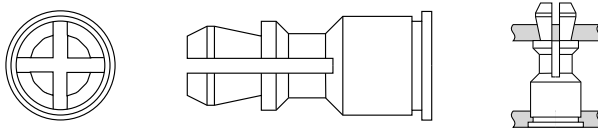


Category: Self Clinch Fastener  
Product: Standoff  
Type: Grounding  
Material: Stainless Steel (TR-SOSG)  
Thread: M3



[www.trfastenings.com/TR00027844](http://www.trfastenings.com/TR00027844)

## Clip-on Standoff TR-SSS/TR-SSC/TR-SSA

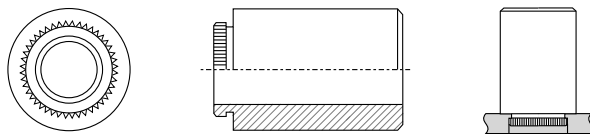


Category: Self Clinch Fastener  
Product: Standoff  
Type: Clip-on  
Material: Steel (TR-SSS), Stainless Steel (TR-SSC), Aluminium (TR-SSA)



[www.trfastenings.com/TR00027722](http://www.trfastenings.com/TR00027722)

## Broaching Through Hole Standoff TR-KFE/TR-KFSE

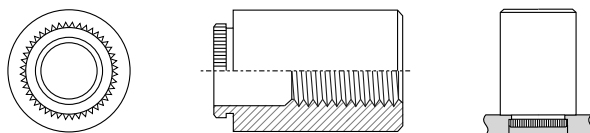


Category: Self Clinch Fastener  
Product: Standoff  
Type: Broaching Through Hole  
Material: Steel (TR-KFE), Stainless Steel (TR-KFSE)  
Dia.: 3.6mm, 4.2mm



[www.trfastenings.com/TR00027617](http://www.trfastenings.com/TR00027617)

## Broaching Threaded Standoff TR-KFE/TR-KFSE



Category: Self Clinch Fastener  
Product: Standoff  
Type: Broaching Threaded  
Material: Steel (TR-KFE), Stainless Steel (TR-KFSE)  
Thread: M3, M4



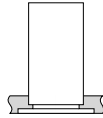
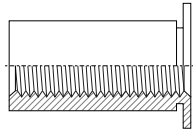
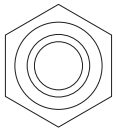
[www.trfastenings.com/TR00027512](http://www.trfastenings.com/TR00027512)



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## Thin Sheet Standoff TR-TSO/TR-TSOS

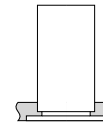
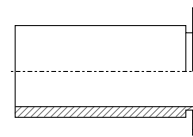
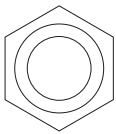


Category: Self Clinch Fastener  
Product: Standoff  
Type: Thin Sheet  
Material: Steel (TR-TSO), Stainless Steel (TR-TSOS)  
Thread: M2.5, M2.5 Alt, M3, M3.5, M3 Alt



[www.trfastenings.com/TR00029582](http://www.trfastenings.com/TR00029582)

## Clear Hole Standoff TR-S0

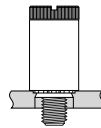
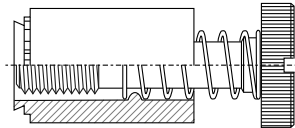


Category: Self Clinch Fastener  
Product: Standoff  
Type: Clear Hole  
Material: Steel (TR-S0)  
Dia.: 4/3.1mm, 6/3.1mm, 6/3.6mm, 8/3.6mm, 8/4.1mm, 8/5.1mm



[www.trfastenings.com/TR00038794](http://www.trfastenings.com/TR00038794)

## Slotted Panel Fastener TR-PFS2/TR-PFC2

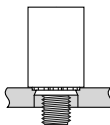
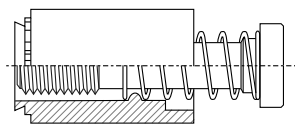


Category: Self Clinch Fastener  
Product: Panel Fastener  
Type: Slotted  
Material: Steel (TR-PFS2), Stainless Steel (TR-PFC2)  
Thread: M3, M4, M5, M6



[www.trfastenings.com/TR00026861](http://www.trfastenings.com/TR00026861)

## Cross Recess Panel Fastener TR-PFC2P



Category: Self Clinch Fastener  
Product: Panel Fastener  
Type: Cross Recess  
Material: Stainless Steel (TR-PFC2P)  
Thread: M3, M4, M5, M6

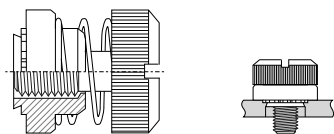


[www.trfastenings.com/TR00026805](http://www.trfastenings.com/TR00026805)



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## Low Profile Panel Fastener TR-PF30/TR-PF31/TR-PF32

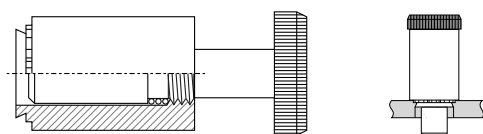


Category: Self Clinch Fastener  
Product: Panel Fastener  
Type: Low Profile  
Material: Steel (TR-PF30/TR-PF31/TR-PF32)  
Thread: M3, M4, M5, M6



[www.trfastenings.com/TR00026834](http://www.trfastenings.com/TR00026834)

## Pin Panel Fastener TR-PTL2

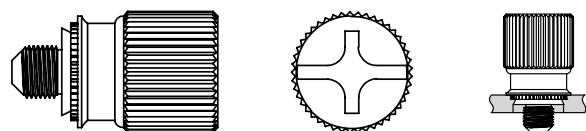


Category: Self Clinch Fastener  
Product: Panel Fastener  
Type: Pin  
Material: Steel (TR-PTL2)  
Dia. Code: 6.35mm (04)



[www.trfastenings.com/TR00026858](http://www.trfastenings.com/TR00026858)

## Captive Screw Panel Fastener TR-PF11

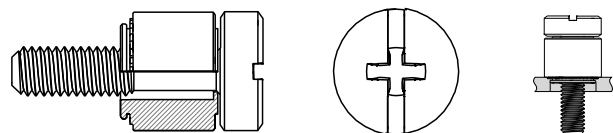


Category: Self Clinch Fastener  
Product: Panel Fastener  
Type: Captive Screw  
Material: Steel, Aluminium, Stainless Steel (TR-PF11)  
Thread: M3, M4, M5, M6



[www.trfastenings.com/TR00029809](http://www.trfastenings.com/TR00029809)

## Captive Screw Panel Fastener TR-PFHV



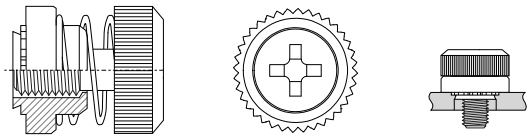
Category: Self Clinch Fastener  
Product: Panel Fastener  
Type: Captive Screw  
Material: Steel (TR-PFHV)  
Thread: M3, M3.5, M4



[www.trfastenings.com/TR00044347](http://www.trfastenings.com/TR00044347)



## Low Profile Cross Recess Panel Fastener TR-PF50

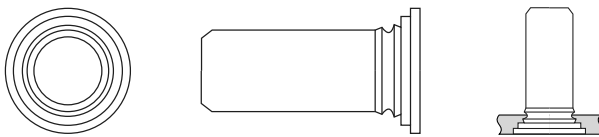


Category: Self Clinch Fastener  
Product: Panel Fastener  
Type: Low Profile Cross Recess  
Material: Steel (TR-PF50)  
Size: M3, M4, M5



[www.trfastenings.com/TR00046710](http://www.trfastenings.com/TR00046710)

## Flush Head Pin TR-TP/TR-TPS/TR-TP4

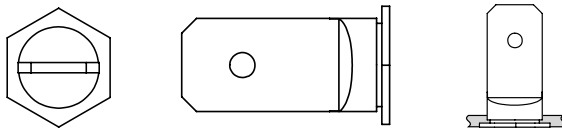


Category: Self Clinch Fastener  
Product: Pin  
Type: Flush Head  
Material: Steel (TR-TP), Stainless Steel (TR-TPS), 400 Stainless Steel (TR-TP4)  
Pin Dia.: 3mm, 4mm, 5mm, 6mm



[www.trfastenings.com/TR00026918](http://www.trfastenings.com/TR00026918)

## Terminal Pin TR-TER



Category: Self Clinch Fastener  
Product: Pin  
Type: Terminal Pin  
Material: Steel (TR-TER)  
Width: 8mm



[www.trfastenings.com/TR00029823](http://www.trfastenings.com/TR00029823)

## Cable Tie Mount TR-TD



Category: Self Clinch Fastener  
Product: Mount  
Type: Cable Tie Mount  
Material: Steel (TR-TD)  
Size: TR-TD-40-4, TR-TD-60-6, TR-TD-175-12

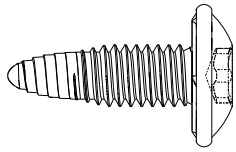


[www.trfastenings.com/TR00029819](http://www.trfastenings.com/TR00029819)



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# EPW Self-Extruding Screw TR-EPW



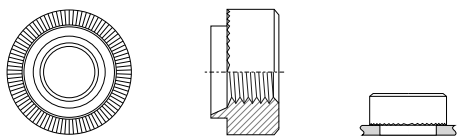
Category: Sheet Metal Fastener  
Product: Self Extruding High Strength Screw for Thin Sheet Metal  
Type: Pan Head, Pan Flange Head  
Material: Case Hardened Mild Steel  
Size: M3.5, M4, M5



[www.trfastenings.com/products/product-innovation/epw-screw](http://www.trfastenings.com/products/product-innovation/epw-screw)



## Round Serrated Face Rivet Bush

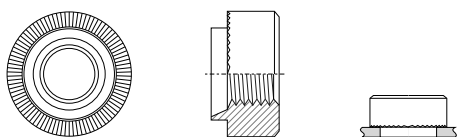


Category: Rivet Bush  
Product: Round  
Type: Serrated Face  
Material: Steel, Stainless Steel, Brass, Aluminium  
Thread: M2.5, M3, M3.5, M4, M5, M6, M8, M10, M12



[www.trfastenings.com/TR00024998](http://www.trfastenings.com/TR00024998)

## Mini Round Serrated Face Rivet Bush

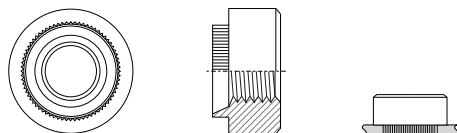


Category: Rivet Bush  
Product: Round  
Type: Mini Serrated Face  
Material: Steel, Stainless Steel, Brass, Aluminium  
Thread: M2, M2.5, M3, M3.5, M4, M5, M6, M8, M10, M12



[www.trfastenings.com/TR00023292](http://www.trfastenings.com/TR00023292)

## Round Serrated Spigot Rivet Bush

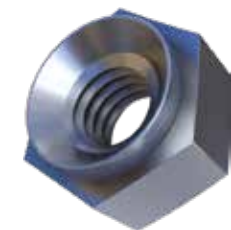
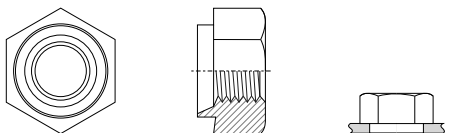


Category: Rivet Bush  
Product: Round  
Type: Serrated Spigot  
Material: Steel, Stainless Steel, Brass, Aluminium  
Thread: M2.5, M3, M3.5, M4, M5, M6, M8, M10, M12



[www.trfastenings.com/TR00025127](http://www.trfastenings.com/TR00025127)

## Hexagon Rivet Bush



Category: Rivet Bush  
Product: Hexagon  
Type: Rivet Bush  
Material: Steel, Stainless Steel  
Thread: M2.5, M3, M3.5, M4, M5, M6, M8, M10, M12



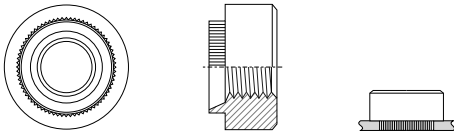
[www.trfastenings.com/TR00023122](http://www.trfastenings.com/TR00023122)







## Mini Round Euro Rivet Bush

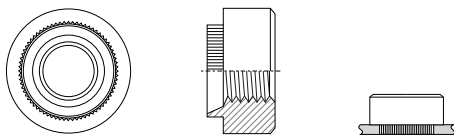


Category: Rivet Bush  
Product: Round  
Type: Mini Euro  
Material: Steel  
Thread: M3, M4, M5, M6



[www.trfastenings.com/TR00023267](http://www.trfastenings.com/TR00023267)

## Round Euro Rivet Bush

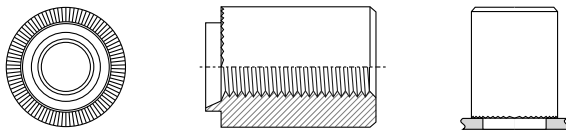


Category: Rivet Bush  
Product: Round  
Type: Euro  
Material: Steel  
Thread: M3, M4, M5, M6, M8



[www.trfastenings.com/TR00024966](http://www.trfastenings.com/TR00024966)

## Standoff Serrated Face Rivet Bush

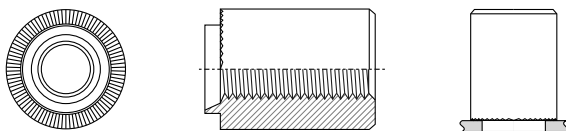


Category: Rivet Bush  
Product: Standoff  
Type: Serrated Face  
Material: Steel, Stainless Steel  
Thread: M2.5, M3, M3.5, M4, M5, M6, M8, M10, M12



[www.trfastenings.com/TR00025272](http://www.trfastenings.com/TR00025272)

## Mini Standoff Serrated Face Rivet Bush



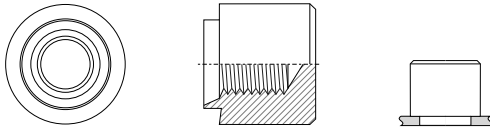
Category: Rivet Bush  
Product: Standoff  
Type: Mini Serrated Face  
Material: Steel, Stainless Steel  
Thread: M2, M2.5, M3, M3.5, M4, M5, M6, M8, M10, M12



[www.trfastenings.com/TR00023513](http://www.trfastenings.com/TR00023513)



## Tank Rivet Bush

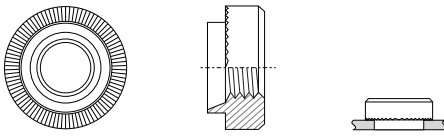


Category: Rivet Bush  
Product: Round  
Type: Tank  
Material: Steel, Stainless Steel  
Thread: M3, M4, M5, M6, M8, M10, M12



[www.trfastenings.com/TR00026646](http://www.trfastenings.com/TR00026646)

## Swage Nut Rivet Bush

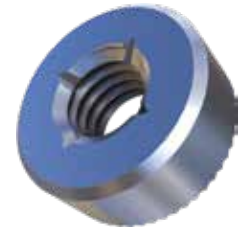
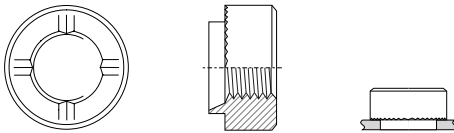


Category: Rivet Bush  
Product: Round  
Type: Swage Nut  
Material: Steel, Stainless Steel  
Thread: M3, M4, M5, M6, M8



[www.trfastenings.com/TR00026575](http://www.trfastenings.com/TR00026575)

## Hank-Loc® Round Rivet Bush

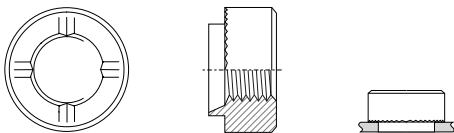


Category: Rivet Bush  
Product: Round  
Type: Hank-Loc®  
Material: Steel, Stainless Steel  
Thread: M6, M8, M10, M12



[www.trfastenings.com/TR00035689](http://www.trfastenings.com/TR00035689)

## Hank-Loc® Mini Rivet Bush



Category: Rivet Bush  
Product: Round  
Type: Mini Hank-Loc®  
Material: Steel, Stainless Steel  
Thread: M6, M8, M10, M12



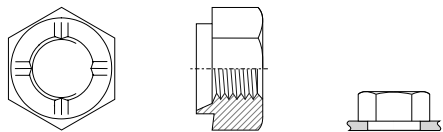
[www.trfastenings.com/TR00035755](http://www.trfastenings.com/TR00035755)



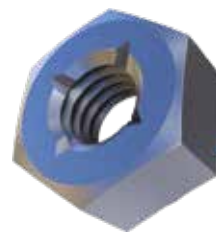
Hank® is a registered trademark of TR Fastenings.  
Hank-Loc® is a registered trademark of TR Fastenings.



# Hank-Loc® Hexagon Rivet Bush



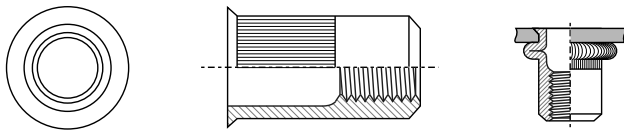
Category: Rivet Bush  
Product: Hexagon  
Type: Hank-Loc®  
Material: Steel, Stainless Steel  
Thread: M6, M8, M10, M12



[www.trfastenings.com/TR00035616](http://www.trfastenings.com/TR00035616)



## Knurled Body Reduced Head Open End

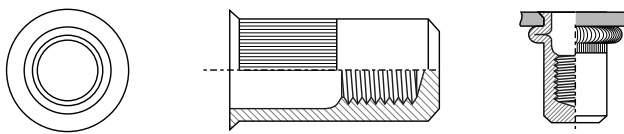


Category: Blind Rivet Nut  
Product: Reduced Head - REDE  
Type: Knurled Body - Open End  
Material: Steel, Stainless Steel  
Thread: M3, M4, M5, M6, M8, M10



[www.trfastenings.com/TR00022074](http://www.trfastenings.com/TR00022074)

## Knurled Body Reduced Head Closed End

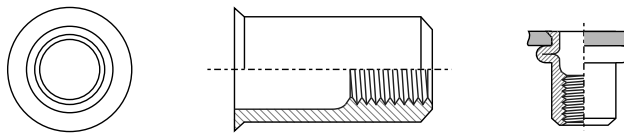


Category: Blind Rivet Nut  
Product: Reduced Head - REDE  
Type: Knurled Body - Closed End  
Material: Steel  
Thread: M4, M5, M6, M8, M10



[www.trfastenings.com/TR00045679](http://www.trfastenings.com/TR00045679)

## Plain Body Reduced Head Open End

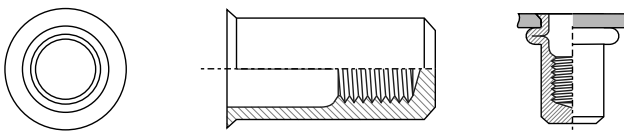


Category: Blind Rivet Nut  
Product: Reduced Head - REDE  
Type: Plain Body - Open End  
Material: Steel, Stainless Steel  
Thread: M3, M4, M5, M6, M8, M10



[www.trfastenings.com/TR00022098](http://www.trfastenings.com/TR00022098)

## Plain Body Reduced Head Closed End



Category: Blind Rivet Nut  
Product: Reduced Head - REDE  
Type: Plain Body - Closed End  
Material: Steel  
Thread: M4, M5, M6, M8, M10

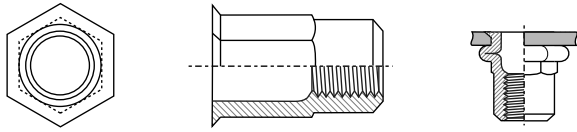


[www.trfastenings.com/TR00045685](http://www.trfastenings.com/TR00045685)





## Hexagon Body Reduced Head Open End

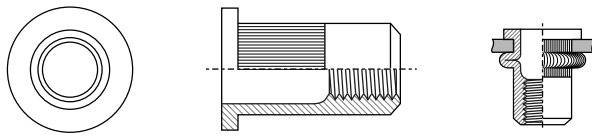


Category: Blind Rivet Nut  
 Product: Reduced Head - REDXE  
 Type: Hexagon Body - Open End  
 Material: Steel, Stainless Steel  
 Thread: M4, M5, M6, M8, M10



[www.trfastenings.com/TR00022120](http://www.trfastenings.com/TR00022120)

## Knurled Body Flange Head Open End

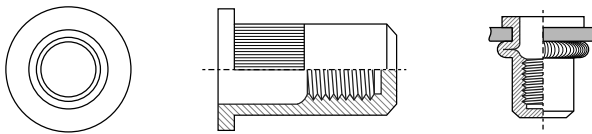


Category: Blind Rivet Nut  
 Product: Flange Head- FLG  
 Type: Knurled Body - Open End  
 Material: Steel, Stainless Steel  
 Thread: M3, M4 Medium, M4 Short, M5 Medium, M5 Short, M6 Medium, M6 Short, M8 Medium, M8 Short, M10 Medium, M10 Short, M12



[www.trfastenings.com/TR00022139](http://www.trfastenings.com/TR00022139)

## Knurled Body Flange Head Closed End

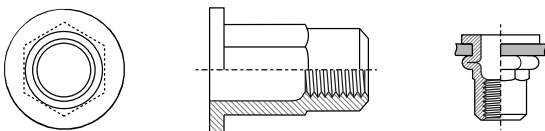


Category: Blind Rivet Nut  
 Product: Flange Head - FLG  
 Type: Knurled Body - Closed End  
 Material: Steel, Stainless Steel  
 Thread: M3, M4, M5, M6, M8, M10



[www.trfastenings.com/TR00022158](http://www.trfastenings.com/TR00022158)

## Hexagon Body Flange Head Open End

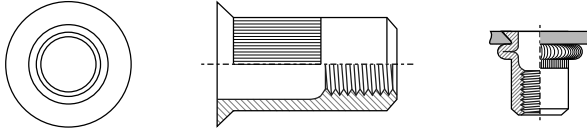


Category: Blind Rivet Nut  
 Product: Flange Head - FLGXE  
 Type: Hexagon Body - Open End  
 Material: Steel, Stainless Steel  
 Thread: M4, M5, M6, M8, M10



[www.trfastenings.com/TR00022171](http://www.trfastenings.com/TR00022171)

## Knurled Body Countersunk Head Open End



**Category:** Blind Rivet Nut  
**Product:** Countersunk Head - CSK  
**Type:** Knurled Body - Open End  
**Material:** Steel, Stainless Steel  
**Thread:** M4, M5, M6, M8, M10

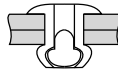
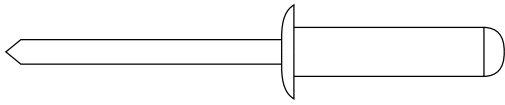


[www.trfastenings.com/TR00022182](http://www.trfastenings.com/TR00022182)





## Open Type Dome Head

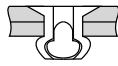
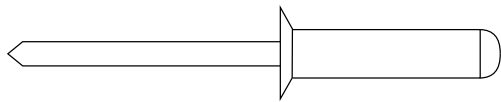


Category: Blind Rivet  
Type: Open Type  
Head: Dome Head  
Material: Aluminium (AlMg3.5/2.5/5), Steel, Stainless Steel, Copper



[www.trfastenings.com/TR00022193](http://www.trfastenings.com/TR00022193)

## Open Type Countersunk Head

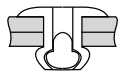
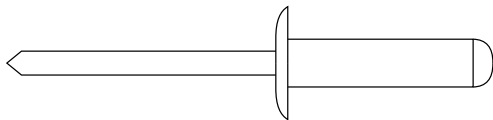


Category: Blind Rivet  
Type: Open Type  
Head: Countersunk Head  
Material: Aluminium (AlMg3.5), Steel, Stainless Steel



[www.trfastenings.com/TR00022539](http://www.trfastenings.com/TR00022539)

## Open Type Large Flange Head

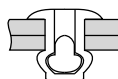
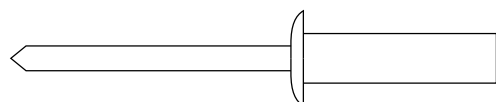


Category: Blind Rivet  
Type: Open Type  
Head: Large Flange Head  
Material: Aluminium (AlMg3.5/5), Steel, Stainless Steel



[www.trfastenings.com/TR00022678](http://www.trfastenings.com/TR00022678)

## Sealed Type Dome Head

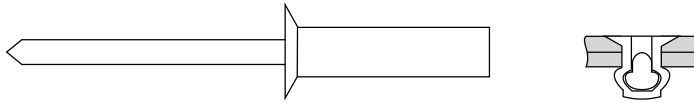


Category: Blind Rivet  
Type: Sealed Type  
Head: Dome Head  
Material: Aluminium (AlMg5), Steel, Stainless Steel, Copper



[www.trfastenings.com/TR00022813](http://www.trfastenings.com/TR00022813)

## Sealed Type Countersunk Head

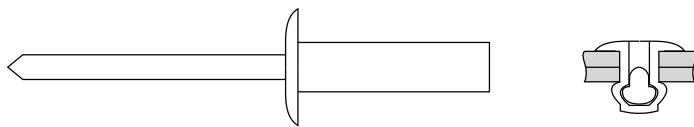


Category: Blind Rivet  
Type: Sealed Type  
Head: Countersunk Head  
Material: Aluminium (AlMg5), Steel



[www.trfastenings.com/TR00022932](http://www.trfastenings.com/TR00022932)

## Sealed Type Large Flange Head

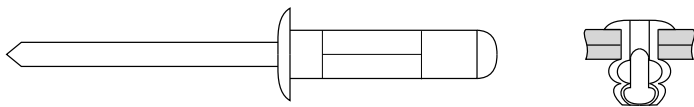


Category: Blind Rivet  
Type: Sealed Type  
Head: Large Flange Head  
Material: Aluminium (AlMg5), Steel, Stainless Steel



[www.trfastenings.com/TR00022949](http://www.trfastenings.com/TR00022949)

## Multi-Grip Type Dome Head

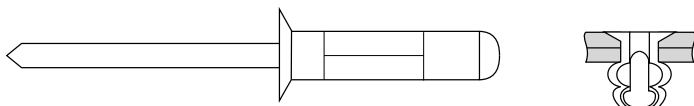


Category: Blind Rivet  
Type: Multi-Grip Type  
Head: Dome Head  
Material: Aluminium, Steel, Stainless Steel



[www.trfastenings.com/TR00022969](http://www.trfastenings.com/TR00022969)

## Multi-Grip Type Countersunk Head



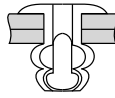
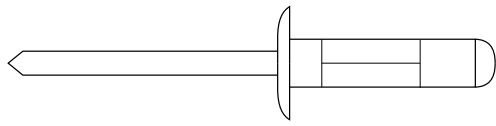
Category: Blind Rivet  
Type: Multi-Grip Type  
Head: Countersunk Head  
Material: Aluminium, Steel



[www.trfastenings.com/TR00023030](http://www.trfastenings.com/TR00023030)



## Multi-Grip Type Large Flange Head

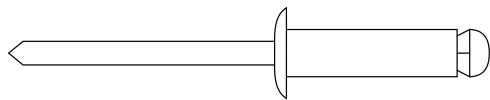


Category: Blind Rivet  
Type: Multi-Grip Type  
Head: Large Flange Head  
Material: Aluminium, Steel



[www.trfastenings.com/TR00023056](http://www.trfastenings.com/TR00023056)

## Peel Type Dome Head

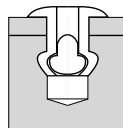
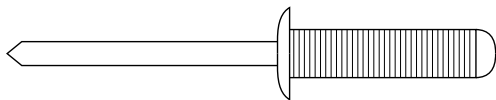


Category: Blind Rivet  
Type: Peel Type  
Head: Dome Head  
Material: Aluminium, Steel



[www.trfastenings.com/TR00023080](http://www.trfastenings.com/TR00023080)

## Grooved Type Dome Head



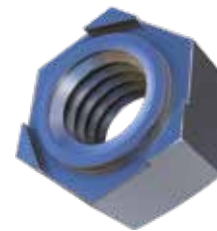
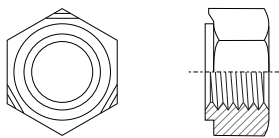
Category: Blind Rivet  
Type: Grooved Type  
Head: Dome Head  
Material: Aluminium (AlMg3.5), Steel



[www.trfastenings.com/TR00023103](http://www.trfastenings.com/TR00023103)



## Hexagon Weld Nut

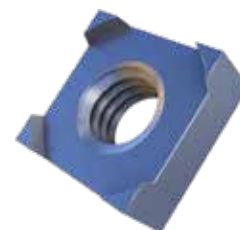
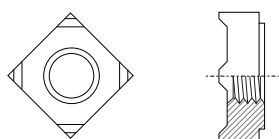


Category: Weld Nut  
Type: Hexagon  
Standard: DIN 929  
Material: Steel, Stainless Steel, A4 Stainless Steel  
Thread: M3, M4, M5, M6, M8, M10, M12, M14, M16



[www.trfastenings.com/TR00001213](http://www.trfastenings.com/TR00001213)

## Square Weld Nut

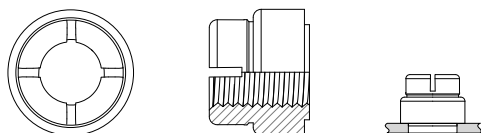


Category: Weld Nut  
Type: Square  
Standard: DIN 928  
Material: Steel, Stainless Steel  
Thread: M4, M5, M6, M8, M10, M12



[www.trfastenings.com/TR00001237](http://www.trfastenings.com/TR00001237)

## Wun-Loc® Self Locking Weld Nut



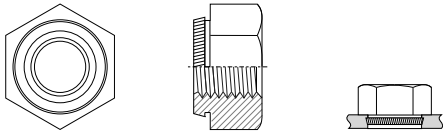
Category: Weld Nut  
Type: Wun-Loc® Self Locking  
Material: Steel  
Thread: M4, M5, M6, M8, M10, M12



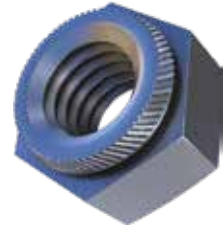
[www.trfastenings.com/TR00035601](http://www.trfastenings.com/TR00035601)



## K-Series® Nut

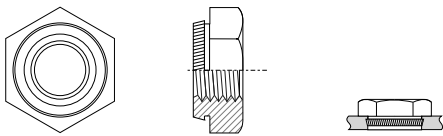


Category: Nut  
Product: K-Series®  
Type: Hexagon  
Material: Steel, Stainless Steel  
Thread: M2.5, M3, M4, M5, M6, M8, M10, M12, M16, M20



[www.trfastenings.com/TR00035866](http://www.trfastenings.com/TR00035866)

## K-Series® Thin Nut



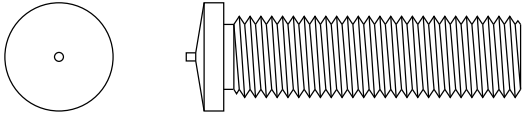
Category: Nut  
Product: K-Series® Thin  
Type: Hexagon  
Material: Steel  
Thread: M8, M10, M12



[www.trfastenings.com/TR00046717](http://www.trfastenings.com/TR00046717)



## Threaded CD Weld Stud

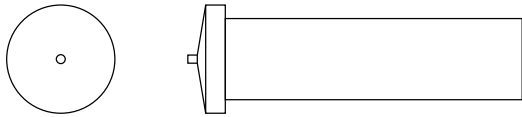


**Category:** CD Weld Stud  
**Type:** Threaded  
**Standard:** DIN EN ISO 13918  
**Material:** Steel, Stainless Steel, Aluminium  
**Thread:** M3, M4, M5, M6, M8



[www.trfastenings.com/TR00036039](http://www.trfastenings.com/TR00036039)

## Unthreaded CD Weld Stud

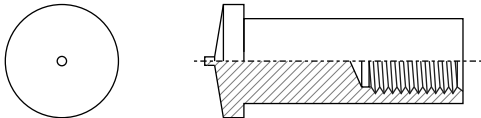


**Category:** CD Weld Stud  
**Type:** Unthreaded  
**Standard:** DIN EN ISO 13918  
**Material:** Steel, Stainless Steel  
**Width:** 3mm, 4mm, 5mm, 6mm, 7.1mm



[www.trfastenings.com/TR00036189](http://www.trfastenings.com/TR00036189)

## Internally Threaded CD Weld Stud

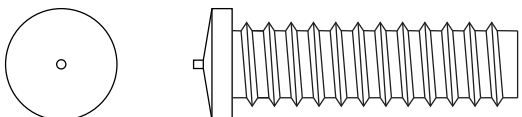


**Category:** CD Weld Stud  
**Type:** Internally Threaded  
**Standard:** DIN EN ISO 13918  
**Material:** Steel  
**Thread:** M3, M4, M5



[www.trfastenings.com/TR00036252](http://www.trfastenings.com/TR00036252)

## Coarse Threaded CD Weld Stud



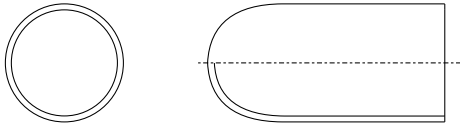
**Category:** CD Weld Stud  
**Type:** Coarse Threaded  
**Standard:** DIN EN ISO 13918  
**Material:** Steel  
**Width:** 5mm



[www.trfastenings.com/TR00036273](http://www.trfastenings.com/TR00036273)



## Masking Caps

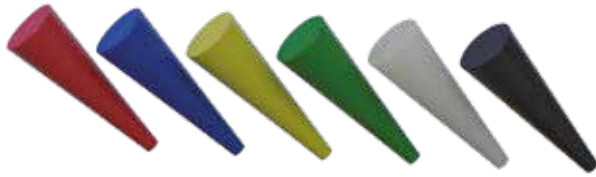
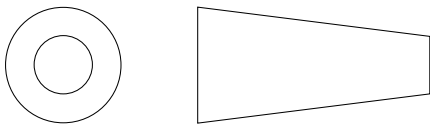


Category: Masking Caps and Plugs  
Product: Cap  
Material: Silicon  
To Suit: M3, M4, M5, M6, M8



[www.trfastenings.com/TR00038867](http://www.trfastenings.com/TR00038867)

## Masking Plugs



Category: Masking Caps and Plugs  
Product: Plug  
Material: Silicon  
To Suit: M3, M3/M4, M4/M5/M6, M6/M8, M8, M8/M10

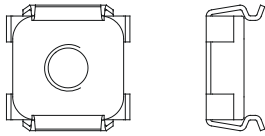


[www.trfastenings.com/TR00038879](http://www.trfastenings.com/TR00038879)

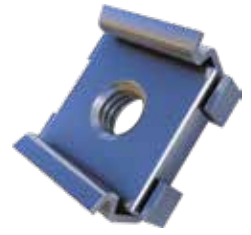




## Cage Nut

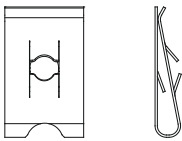


Category: Spring Steel Fasteners  
Product: Nut  
Type: Cage  
Material: Steel  
Thread: M4, M5, M6, M8, M10



[www.trfastenings.com/TR00035907](http://www.trfastenings.com/TR00035907)

## U Nut

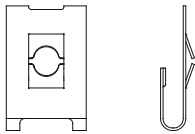


Category: Spring Steel Fasteners  
Product: Nut  
Type: U  
Material: Steel  
Thread: 2.9mm (no.4), 3.5mm (no.6), 4.2mm (no.8), 4.8mm (no.10), 5.5mm (no.12), 6.3mm (no.14), 7.0mm (no.16)



[www.trfastenings.com/TR00035935](http://www.trfastenings.com/TR00035935)

## J Nut

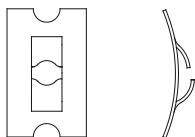


Category: Spring Steel Fasteners  
Product: Nut  
Type: J  
Material: Steel  
Thread: 3.5mm (no.6), 4.2mm (no.8), 4.8mm (no.10), 5.5mm (no.12), 6.3mm (no.14)



[www.trfastenings.com/TR00035920](http://www.trfastenings.com/TR00035920)

## Flat Nut

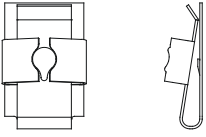


Category: Spring Steel Fasteners  
Product: Nut  
Type: Flat  
Material: Steel  
Thread: 3.5mm (no.6), M4, 4.2mm (no.8), M5, M6, 6.3mm (no.14)

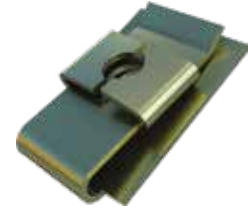


[www.trfastenings.com/TR00035990](http://www.trfastenings.com/TR00035990)

## Torque Nut

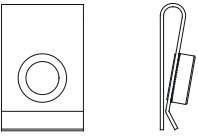


Category: Spring Steel Fasteners  
Product: Nut  
Type: Torque  
Material: Steel  
Thread: 3.5mm (no.6), 4.2mm (no.8), 4.8mm (no.10), 5.5mm (no.12), 6.3mm (no.14)

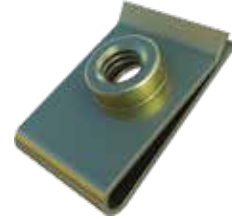


[www.trfastenings.com/TR00035978](http://www.trfastenings.com/TR00035978)

## Multi Thread U Nut



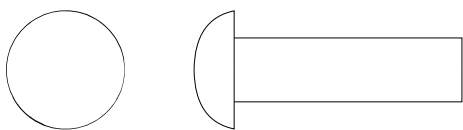
Category: Spring Steel Fasteners  
Product: Nut  
Type: Multi Thread U  
Material: Steel  
Thread: M3, M4, M5, M6, M8, M10, M12



[www.trfastenings.com/TR00036000](http://www.trfastenings.com/TR00036000)



## Round Head Solid Rivet

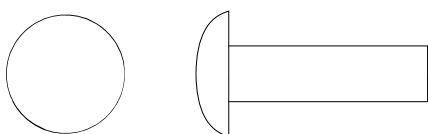


Category: Solid & Tubular Rivets  
Product: Round Head  
Type: Solid  
Material: Steel, Stainless Steel, Aluminium, Copper  
Standard: DIN 124



[www.trfastenings.com/TR00030337](http://www.trfastenings.com/TR00030337)

## Flat Round Head Solid Rivet

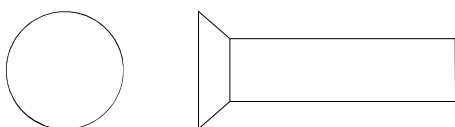


Category: Solid & Tubular Rivets  
Product: Flat Round Head  
Type: Solid  
Material: Steel, Aluminium, Copper  
Standard: DIN 674



[www.trfastenings.com/TR00030257](http://www.trfastenings.com/TR00030257)

## Countersunk Head Solid Rivet

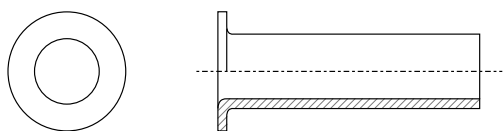


Category: Solid & Tubular Rivets  
Product: Countersunk Head  
Type: Solid  
Material: Stainless Steel  
Standard: DIN 661



[www.trfastenings.com/TR00030242](http://www.trfastenings.com/TR00030242)

## Tubular Rivet



Category: Solid & Tubular Rivets  
Product: Tubular  
Type: Tubular  
Material: Brass  
Standard: DIN 7340A



[www.trfastenings.com/TR00030514](http://www.trfastenings.com/TR00030514)





# TR - Full Service Provider

## Services



TR Fastenings is part of Trifast plc and is an international specialist in the design, engineering, manufacture and distribution of high quality industrial and Cat C fastenings principally to major global assembly industries.

TR has 32 business locations within the UK, Asia, Europe and the USA including: eight high volume, high-quality and cost-effective manufacturing sites. TR's manufacturing network represents a third of the Group's business.

## Industries



TR Fastenings supplies components to over 5,000 companies globally across a wide range of industries, including automotive, electronics, domestic appliances and telecoms.

As a full-service provider to multinational OEMs and Tier 1 companies, TR delivers comprehensive support to its customers across every requirement, from concept design through to technical engineering consultancy, manufacturing, supply management and global logistics.

## Manufacturing



TR has a manufacturing network in Europe and Asia specialising in producing high volume parts specifically to customer drawings. TR's factories are strategically placed geographically to provide cost efficient product to very high quality standards.

TR Quality Accreditations:

- ISO 9001
- IATF 16949
- ISO 14001

## Global Website



[www.trfastenings.com](http://www.trfastenings.com) is designed to be the ultimate go-to resource for engineers, designers and buyers.

- Over 50,000 products
- 2D/3D fastener models
- Animated installation guides
- Tooling requirements and technical information
- Detailed performance data
- Material and finish specifications
- Fastener standards and comparison tables



## TR - Product Range

### Standard Fasteners



We stock and supply a vast range of standard fasteners to DIN, ISO & ANSI standards including:

- Machine screws
- Self tapping screws
- Thread forming screws
- Socket products
- Nuts
- Washers

### Fasteners for Plastic



**Screws for plastic**  
Plas-tech® 30  
Plas-fix® 45 + 60  
Thread cutting Type BT + Y  
Hi-lo thread  
JCIS P-type M1.4 to M2.6  
JCIS B-type M1.4 to M2.6

**Inserts for plastic**  
Sonic-sert  
Heat-sert  
Broaching-sert  
Expansion-sert  
Tech-sert  
Many more ...

### Plastic Hardware



**Circuit board hardware**  
Cable management  
Rivets  
Machine screws  
Threaded spacers  
Threaded pillars  
Nuts  
Through spacers  
Washers  
Bumpers

**Masking caps and plugs**

### Spacers and Pillars



**Threaded spacers**  
Hexagon female-female  
Round female-female

**Through spacers**

**Threaded pillars**  
Hexagon male-female  
Hexagon male-male  
Round male-female  
Hexagon self tapping  
male-female





## TR - Product Range

### Security Fasteners

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Machine screws  
Self tapping screws  
Wood screws  
Self drilling screws  
Nuts

One way cross recess  
Oval  
Triangular  
One way slot  
Many more ...

Drive types:  
Pin hexagon  
Pin recess Torx® drive  
2 hole

### Enclosure Hardware

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Locking systems  
Locks  
Lock components  
Hinges  
Latches  
Clamps  
Terminals  
Gaskets  
Handles  
Accessories

### Tooling and Driver Bits

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Standard driver bits  
Hexagon - short/long  
PoziDriv® - short/long  
H drive - short/long  
Torx® - short/long

Security drivers

Standard driver keys  
Hexagon  
Hexagon with pilot  
Torx®

### Bespoke Products

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Our factories in Asia and Europe produce components which are specifically tailored to customer drawings.

In addition, our strategic partnerships with other world-class manufacturers, allow us to offer a wide range of practically any size of turned, cold-formed, pressed or moulded components.



**UK**  
t: +44 (0)8454 811 800 f: +44 (0)870 458 7851  
e-mail: uk@trfastenings.com

**Ireland**  
t: +353 (0)22 22301 f: +353 (0)22 22056  
e-mail: ireland@trfastenings.com

**Netherlands**  
t: +31 (0)541 511515 f: +31 (0)541 517134  
e-mail: netherlands@trfastenings.com

**Norway**  
t: +47 67 06 70 00 f: +47 67 06 70 10  
e-mail: norway@trfastenings.com

**Sweden**  
t: +46 (0)8 578 44 900 f: +46 (0)8 578 44 950  
e-mail: sweden@trfastenings.com

**Spain**  
t: +34 93 647 22 45  
e-mail: spain@trfastenings.com

**Hungary**  
t: +36 (06)24 516970 f: +36 (06)24 516961  
e-mail: hungary@trfastenings.com

**Poland - Representative**  
t: +48 (22)402 36 14 f: +48 (22)402 36 24  
e-mail: poland@trfastenings.com

**Italy**  
t: +39 (0)75 9149015 f: +39 (0)75 9190165  
e-mail: info@trvic.it

**Germany**  
t: +49 (0) 5246 . 50320 - 0 f: +49 (0) 5246 . 50320 - 70  
e-mail: info@trkuhlmann.com

**Slovakia - Representative**  
m: +421(0)911 012 016  
e-mail: slovakia@trfastenings.com

**USA**  
t: +1 800-280-2181 f: +1 281-807-0620  
e-mail: usa@trfastenings.com

**Singapore**  
t: +65 6759 6033 f: +65 6759 6022  
e-mail: singapore@trfastenings.com

**Malaysia**  
t: +6 (03) 5519 1444 f: +6 (03) 5510 8505  
e-mail: psep@psep.com.my

**China**  
t: +86 21 5032 5696 f: +86 21 5032 5775  
e-mail: china@trfastenings.com

**Taiwan**  
t: +886 7 557 6366 f: +886 7 557 1977  
e-mail: taiwan@trfastenings.com

**Philippines - Representative Office**  
t: +63-25768476  
e-mail: philippines@trfastenings.com

**India**  
t: +91 (0)44 4280 3932  
e-mail: india@trfastenings.com

**Thailand**  
t: +66(0)2 130 6562 f: +66(0)2 130 7603  
e-mail: thailand@trfastenings.com

**Japan - Representative**  
t: +81(0)70 4467 1118  
e-mail: japan@trfastenings.com

## Technical and Innovation Centres

**Birmingham - UK**  
t: +44 (0)121 521 0100 f: +44 (0)121 521 0101  
e-mail: wednesbury@trfastenings.com

**Gothenburg - Sweden**  
t: +46 (0)31 31 760 776 f: +46 (0)8 578 44 950  
e-mail: sweden@trfastenings.com

**CUICAR - South Carolina USA**  
t: +1 800 280 2181 f: +1 281 807 0620  
e-mail: usa@trfastenings.com

[sales@trfastenings.com](mailto:sales@trfastenings.com)

[www.trfastenings.com](http://www.trfastenings.com)

[info@trfastenings.com](mailto:info@trfastenings.com)



Master Distributor Details