



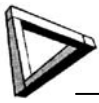
Fasteners & Fastener Tools Booklet

(catalogue pages 34-37)



Fasteners section contains:

- **Fasteners & Fastener Tools Booklet** ←



Square Tapered Nuts With Vandal Resistant Design		
Cadmium Plated		
Part No:	Thread Diameter	Width Flat to Flat
VN-516CP1	5/16"	1"
VN-38CP0.75	3/8"	3/4"
VN-38CP1	3/8"	1"
Only requires typical wrench for installation		



Tri-Groove Nuts With Vandal Resistant Design	
Die Cast Zinc	
Part No:	Thread Diameter
TN-516ZN	5/16"
TN-38ZN	3/8"
TN-38/516 TOOL available for installation	



Breakaway Nuts With Vandal Resistant Design	
Aluminum	
Part No:	Thread Diameter
VN-516ALBK	5/16"
VN-38ALBK	3/8"
Only requires typical wrench for installation	



Serrated Hex Flange Nuts	
Zinc Plated	
Part No:	Thread Diameter
HN-516ZPSERR	5/16"
Only requires typical wrench for installation	



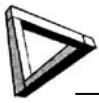
Dome Hex Nuts	
Zinc Plated	
Part No:	Thread Diameter
DN-122P	1/2"
Only requires typical wrench for installation	



Hex Locknuts With Nylon Insert		
Zinc Plated		Stainless Steel
Part No:	Part No:	Thread Diameter
HN-516ZPLK	HN-516SSLK	5/16"
HN-38ZPLK	HN-38SSLK	3/8"
Only requires typical wrench for installation		



Hex Nuts		
Zinc Plated		Stainless Steel
Part No:	Part No:	Thread Diameter
HN-516ZP	HN-516SS	5/16"
HN-38ZP	HN-38SS	3/8"
Only requires typical wrench for installation		



Socket Button Head Bolts With Vandal Resistant Design				
Zinc Plated		Stainless Steel		
Part No:	Part No:	Thread Diameter	Bolt Length	Socket Size
-	VB-516SS0.625	5/16"	5/8"	3/16"
VB-516ZP0.75	VB-516SS0.75	5/16"	3/4"	5/32"
-	VB-38SS1	3/8"	1"	7/32"

HK-series hex keys available for installation



Corner Bolts		
Zinc Plated		
Part No:	Thread Diameter	Telespar Post Size
CB-516ZP2	5/16"	Up to 2"
CB-516ZP2.5	5/16"	Up to 2-1/2"
CB-516ZP3	5/16"	Up to 3"

HN-516SERR available for assembly



Rectangular Head T-Bolts		
Stainless Steel		
Part No:	Thread Diameter	Bolt Length
TB-38SS1.75	3/8"	1-3/4"

Commonly used with post clips for extruded highway signs

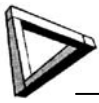


Round Head Bolts With Vandal Resistant Design		
Zinc Plated		
Part No:	Thread Diameter	Bolt Length
VB-12ZP3.25	1/2"	3-1/4"
VB-12ZP3.75	1/2"	3-3/4"

VB-12 SOCKET available for installation

Hex Head Bolts			
Zinc Plated		Stainless Steel	
Part No:	Part No:	Thread Diameter	Bolt Length
HB-516ZP0.5	HB-516SS0.5	5/16"	1/2"
HB-516ZP0.625	HB-516SS0.625	5/16"	5/8"
HB-516ZP0.75	HB-516SS0.75	5/16"	3/4"
HB-516ZP1	HB-516SS1	5/16"	1"
HB-516ZP1.25	HB-516SS1.25	5/16"	1-1/4"
HB-516ZP1.5	HB-516SS1.5	5/16"	1-1/2"
HB-516ZP2	HB-516SS2	5/16"	2"
HB-516ZP2.5	HB-516SS2.5	5/16"	2-1/2"
HB-516ZP3	HB-516SS3	5/16"	3"
HB-38ZP1	HB-38SS1	3/8"	1"
HB-38ZP1.25	HB-38SS1.25	3/8"	1-1/4"
HB-38ZP1.5	HB-38SS1.5	3/8"	1-1/2"
HB-38ZP2	HB-38SS2	3/8"	2"
HB-38ZP2.5	HB-38SS2.5	3/8"	2-1/2"
HB-38ZP3	HB-38SS3	3/8"	3"
HB-38ZP3.5	HB-38SS3.5	3/8"	3-1/2"
HB-38ZP4	HB-38SS4	3/8"	4"
HB-38ZP4.5	HB-38SS4.5	3/8"	4-1/2"
HB-38ZP5	HB-38SS5	3/8"	5"
HB-38ZP5.5	HB-38SS5.5	3/8"	5-1/2"
HB-38ZP6	HB-38SS6	3/8"	6"

Only requires typical wrench for installation



Socket Set Screws With Vandal Resistant Design					
Zinc Plated	Stainless Steel	Cadmium Plated			
Part No:	Part No:	Part No:	Thread Diameter	Screw Length	Socket Size
-	-	SS-516CP0.312P	5/16"	5/16"	5/32"
SS-516ZPK0.375P	SS-516SSK0.375P	-	5/16"	3/8"	5/32"
SS-516ZPK0.5P	SS-516SSK0.5P	-	5/16"	1/2"	5/32"
HK-532P available for installation					



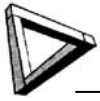
Socket Set Screws				
Zinc Plated	Stainless Steel			
Part No:	Part No:	Thread Diameter	Screw Length	Socket Size
SS-516ZPK0.375	SS-516SSK0.375	5/16"	3/8"	5/32"
SS-516ZPK0.5	SS-516SSK0.5	5/16"	5/16"	5/32"
SS-516ZPK0.75	SS-516SSK0.75	5/16"	3/4"	5/32"
HK-532P available for installation				



Split-Lock Washers		
Zinc Plated	Stainless Steel	
Part No:	Part No:	Inside Diameter
WA-516ZPLK	WA-516SSLK	5/16"
WA-38ZPLK	WA-38SSLK	3/8"
Helps prevent fasteners from loosening		



Flat Washers				
Zinc Plated	Stainless Steel	Nylon		
Part No:	Part No:	Part No:	Inside Diameter	Outside Diameter
WA-516ZP0.75	WA-516SS0.75	WA-516NL0.75	5/16"	3/4"
WA-516ZP0.875	WA-516SS0.875	-	5/16"	7/8"
-	-	WA-516NL1	5/16"	1"
-	-	WA-516NL1.5	5/16"	1-1/2"
WA-38ZP0.75	WA-38SS0.75	-	3/8"	3/4"
WA-38ZP0.875	WA-38SS0.875	-	3/8"	7/8"
WA-38ZP1	WA-38SS1	WA-38NL1	3/8"	1"
-	WA-38SS1.5	WA-38NL1.5	3/8"	1-1/2"
Helps prevent bolts from damaging surfaces when tightening				



Hex Keys	
Oilized Carbon Steel	
Part No:	For Socket Size
HK-532P	5/32"
HK-316P	3/16"
HK-732P	7-32"
Use for socket fasteners with or without pin	



TN-38/516P

Tri-Groove Socket		
Oilized Carbon Steel		
Part No:	Tool Type	For Nut Size
TN-38/516P	Prong	5/16" & 3/8"
TN-38/516S	Socket	5/16" & 3/8"
Use for Tri-Groove nuts		



TN-38/516S

Round Head Socket	
Die Cast Aluminum	
Part No:	For Bolt Size
VB-12 SOCKET	1/2"
Use for round head bolts with vandal resistant design	

