

# MBA

# 2020

## Shoulder Screws

Carbon Steel - 300 Grade Stainless - 416 Grade Stainless



To find and order parts online, simply enter the part number from this catalogue into the search box on any web page.

# Part Number Designations

<b>SHLD 064 006 SKT J C</b>					
1		2		3	
4		5		6	

**1 SHLD**

Designates All Shoulder Screws

**2 Shoulder Diameter Code:**

Shoulder diameter in mm rounded to one decimal place with decimal point removed.

eg;  
060 = 6.00mm  
064 = 6.35mm  
127 = 12.70mm

**3 Shoulder Length Code:**

Shoulder length in mm rounded to zero decimal places.

eg;  
006 = 6.00mm  
013 = 12.7mm  
100 = 100mm

**4 Drive Type:**

PH: Philips Drive  
SKT: Socket Drive (Hex)  
SL: Slotted Drive  
SLL: Slotted Shallow Head

**5 Special Designation:**

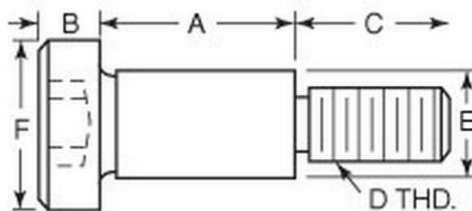
Blank: Standard Shoulder Screws  
J: Designates high strength for Jig & Fixture work.  
P: Precision thread Class 3A suited close tolerance fasteners  
Intended for service where safety is a critical design consideration.

**6 Material:**

C: Carbon Steel  
S3: 300 Grade Stainless (302, 303 or 304)  
S6: 316 Grade Stainless Steel  
S416: 416 Grade Stainless Steel

## Diagram for Socket Drive Type

The listing also includes some philips and slotted drive shoulder screws. Refer to the notes beneath each size and part number.




Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
<b>1.600 mm Shoulder Diameter</b>					
1.600 (0.06") -0.010 / -0.030	4.800 (0.19") +0.000 / -0.200	M1.6 x 0.35	3.20	303 Stainless Steel	<b>SHLD016-005-SL-S3</b> Head Height (H): 1.50 With 0.79mm Through Hole, Head Diameter (D): 3.05, Drive Type: Slotted Drive
<b>2.381 mm Shoulder Diameter</b>					
2.381 (0.09") -0.006 / -0.024	3.300 (0.13")	2-56 UNC	5.54	303 Stainless Steel	<b>SHLD024-003-SLL-B-S3</b> Head Height (H): 1.59, Head Diameter (D): 5.56, : Slotted Drive
2.381 (0.09") -0.006 / -0.024	3.300 (0.13")	2-56 UNC	5.54	303 Stainless Steel	<b>SHLD024-003-SLL-A-S3</b> Head Height (H): 1.59, Head Diameter (D): 4.76, : Slotted Drive
<b>3.000 mm Shoulder Diameter</b>					
3.000 (0.12") +0.000 / -0.024	3.800 (0.15")	M2x0.40	5.65	303 Stainless Steel	<b>SHLD030-004-SLL-S3</b> Head Height (H): 1.50, Head Diameter (D): 5.00, : Slotted Drive
<b>3.175 mm Shoulder Diameter</b>					
3.175 (0.13") -0.006 / -0.024	2.500 (0.10")	4-40 UNC	6.46	303 Stainless Steel	<b>SHLD032-003-SLL-S3</b> Head Height (H): 1.59, Head Diameter (D): 4.76, : Slotted Drive
3.175 (0.13") +0.000 / -0.076	3.180 (0.13")	4-40 UNC	3.97	303 Stainless Steel	<b>SHLD032-003-SKT-S3</b> Head Height (B): 3.18, Head Diameter (F): 6.35, Allen Key Size: 1.98
3.175 (0.13") -0.025 / -0.127	3.200 (0.13")	4-40 UNC	3.97	303 Stainless Steel	<b>SHLD032-003-SL-S3</b> Head Height (H): 3.18, Head Diameter (D): 6.35, Drive Type: Slotted Drive
3.175 (0.13") -0.013 / -0.038	3.200 (0.13")	4-40 UNC	3.96	303 Stainless Steel	* SHLD032-003-SL-P-S3 Head Height (H): 3.18, Head Diameter (D): 6.35, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
3.175 (0.13") -0.013 / -0.038	3.210 (0.13")	4-40 UNC	3.96	303 Stainless Steel	<b>SHLD032-003-SKT-P-S3</b> Head Height (B): 3.18, Head Diameter (F): 6.35, Allen Key Size: 1.98, Thread Type: Class 3A Thread
3.175 (0.13") -0.006 / -0.024	3.700 (0.15")	4-40 UNC	7.25	303 Stainless Steel	<b>SHLD032-004-SLL-S3</b> Head Height (H): 1.59, Head Diameter (D): 6.35, : Slotted Drive
3.175 (0.13") +0.000 / -0.076	4.780 (0.19")	4-40 UNC	3.97	303 Stainless Steel	<b>SHLD032-005-SKT-S3</b> Head Height (B): 3.18, Head Diameter (F): 6.35, Allen Key Size: 1.98
3.175 (0.13") -0.025 / -0.127	4.800 (0.19")	4-40 UNC	3.97	303 Stainless Steel	<b>SHLD032-005-SL-S3</b> Head Height (H): 3.18, Head Diameter (D): 6.35, Drive Type: Slotted Drive
3.175 (0.13") -0.013 / -0.038	4.800 (0.19")	4-40 UNC	3.96	303 Stainless Steel	* SHLD032-005-SL-P-S3 Head Height (H): 3.18, Head Diameter (D): 6.35, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
3.175 (0.13") -0.013 / -0.038	4.800 (0.19")	4-40 UNC	3.96	303 Stainless Steel	<b>SHLD032-005-SKT-P-S3</b> Head Height (B): 3.18, Head Diameter (F): 6.35, Allen Key Size: 1.98, Thread Type: Class 3A Thread
3.175 (0.13") +0.000 / -0.076	6.350 (0.25")	4-40 UNC	3.97	303 Stainless Steel	<b>SHLD032-006-SKT-S3</b> Head Height (B): 3.18, Head Diameter (F): 6.35, Allen Key Size: 1.98
3.175 (0.13") -0.013 / -0.038	6.390 (0.25")	4-40 UNC	3.96	303 Stainless Steel	<b>SHLD032-006-SKT-P-S3</b> Head Height (B): 3.18, Head Diameter (F): 6.35, Allen Key Size: 1.98, Thread Type: Class 3A Thread
3.175 (0.13") -0.025 / -0.127	6.400 (0.25")	4-40 UNC	3.97	303 Stainless Steel	<b>SHLD032-006-SL-S3</b> Head Height (H): 3.18, Head Diameter (D): 6.35, Drive Type: Slotted Drive
3.175 (0.13") -0.013 / -0.038	6.400 (0.25")	4-40 UNC	3.96	303 Stainless Steel	** SHLD032-006-SL-P-S3 Head Height (H): 3.18, Head Diameter (D): 6.35, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
3.175 (0.13") +0.000 / -0.076	7.930 (0.31")	4-40 UNC	3.97	303 Stainless Steel	<b>SHLD032-008-SKT-S3</b> Head Height (B): 3.18, Head Diameter (F): 6.35, Allen Key Size: 1.98
3.175 (0.13") -0.013 / -0.038	7.980 (0.31")	4-40 UNC	3.96	303 Stainless Steel	<b>SHLD032-008-SKT-P-S3</b> Head Height (B): 3.18, Head Diameter (F): 6.35, Allen Key Size: 1.98, Thread Type: Class 3A Thread
3.175 (0.13") -0.025 / -0.127	8.000 (0.31")	4-40 UNC	3.97	303 Stainless Steel	<b>SHLD032-008-SL-S3</b> Head Height (H): 3.18, Head Diameter (D): 6.35, Drive Type: Slotted Drive
3.175 (0.13") -0.013 / -0.038	8.000 (0.31")	4-40 UNC	3.96	303 Stainless Steel	* SHLD032-008-SL-P-S3 Head Height (H): 3.18, Head Diameter (D): 6.35, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
3.175 (0.13") -0.025 / -0.127	9.500 (0.37")	4-40 UNC	3.97	303 Stainless Steel	<b>SHLD032-010-SL-S3</b> Head Height (H): 3.18, Head Diameter (D): 6.35, Drive Type: Slotted Drive
3.175 (0.13") +0.000 / -0.076	9.530 (0.38")	4-40 UNC	3.97	303 Stainless Steel	<b>SHLD032-010-SKT-S3</b> Head Height (B): 3.18, Head Diameter (F): 6.35, Allen Key Size: 1.98
3.175 (0.13") -0.013 / -0.038	9.560 (0.38")	4-40 UNC	3.96	303 Stainless Steel	<b>SHLD032-010-SKT-P-S3</b> Head Height (B): 3.18, Head Diameter (F): 6.35, Allen Key Size: 1.98, Thread Type: Class 3A Thread
3.175 (0.13") -0.013 / -0.038	9.600 (0.38")	4-40 UNC	3.96	303 Stainless Steel	* SHLD032-010-SL-P-S3 Head Height (H): 3.18, Head Diameter (D): 6.35, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
<b>4.000 mm Shoulder Diameter</b>					
4.000 (0.16")	2.000 (0.08")	M3x0.50	4.50	Carbon Steel	* SHLD040-002-SLL-C Head Height (H): 1.80, Head Diameter (D): 7.00, : Slotted Drive
4.000 (0.16")	2.500 (0.10")	M3x0.50	4.50	Carbon Steel	* SHLD040-0025-SLL-C Head Height (H): 1.80, Head Diameter (D): 7.00, : Slotted Drive

Stocked or Short Delivery     
 Usually Available Short Delivery     
 Long delivery or not in current production


\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
4.000 (0.16")	3.000 (0.12")	M3x0.50	4.50	Carbon Steel	** SHLD040-003-SLL-C Head Height (H): 1.80, Head Diameter (D): 7.00, : Slotted Drive
4.000 (0.16") +0.000 / - 0.024	3.800 (0.15")	M3x0.50	7.50	303 Stainless Steel	SHLD040-004-SLL-S3 Head Height (H): 1.50, Head Diameter (D): 6.00, : Slotted Drive
4.000 (0.16") +0.000 / -0.078	4.000 (0.16")	M3x0.50	4.00	303 Stainless Steel	* SHLD040-004-SL-S3 Head Height (H): 3.00, Head Diameter (D): 6.00, Drive Type: Slotted Drive
4.000 (0.16")	4.000 (0.16")	M3x0.50	4.50	Carbon Steel	** SHLD040-004-SLL-C Head Height (H): 1.80, Head Diameter (D): 7.00, : Slotted Drive
4.000 (0.16")	4.000 (0.16")	M3x0.50	4.00	303 Stainless Steel	SHLD040-004-SKT-S3 Head Height (B): 3.00, Head Diameter (F): 6.00, Allen Key Size: 2.00
4.000 (0.16") -0.013 / -0.038	4.000 (0.16") +0.060 / - 0.000	M3x0.50	4.00	416 Stainless Steel	** SHLD040-004-SKT-S416 Head Height (B): 3.00, Head Diameter (F): 6.00, Allen Key Size: 2.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
4.000 (0.16") +0.000 / - 0.024	4.800 (0.19")	M3x0.50	7.50	303 Stainless Steel	SHLD040-005-SLL-S3 Head Height (H): 1.50, Head Diameter (D): 6.00, : Slotted Drive
4.000 (0.16") +0.000 / -0.078	5.000 (0.20")	M3x0.50	4.00	303 Stainless Steel	* SHLD040-005-SL-S3 Head Height (H): 3.00, Head Diameter (D): 6.00, Drive Type: Slotted Drive
4.000 (0.16")	5.000 (0.20")	M3x0.50	4.50	Carbon Steel	* SHLD040-005-SLL-C Head Height (H): 1.80, Head Diameter (D): 7.00, : Slotted Drive
4.000 (0.16") +0.000 / -0.076	5.000 (0.20") +0.05 / +0.2	M3x0.50	4.00	303 Stainless Steel	SHLD040-005-SKT-S3 Head Height (B): 3.00, Head Diameter (F): 6.00, Allen Key Size: 2.00
4.000 (0.16") -0.013 / -0.038	5.000 (0.20") +0.060 / - 0.000	M3x0.50	4.00	416 Stainless Steel	* SHLD040-005-SKT-S416 Head Height (B): 3.00, Head Diameter (F): 6.00, Allen Key Size: 2.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
4.000 (0.16") -0.013 / -0.038	6.000 (0.24") +0.013 / +0.063	M3x0.50	4.00	303 Stainless Steel	* SHLD040-006-PH-S3 Head Height (H): 3.00, Head Diameter (D): 6.00, : Phillips Drive, Phillips Size: 3
4.000 (0.16") +0.000 / -0.078	6.000 (0.24")	M3x0.50	4.00	303 Stainless Steel	* SHLD040-006-SL-S3 Head Height (H): 3.00, Head Diameter (D): 6.00, Drive Type: Slotted Drive
4.000 (0.16")	6.000 (0.24")	M3x0.50	4.50	Carbon Steel	* SHLD040-006-SLL-C Head Height (H): 1.80, Head Diameter (D): 7.00, : Slotted Drive
4.000 (0.16") +0.000 / -0.076	6.000 (0.24") +0.05 / +0.2	M3x0.50	4.00	303 Stainless Steel	SHLD040-006-SKT-S3 Head Height (B): 3.00, Head Diameter (F): 6.00, Allen Key Size: 2.00
4.000 (0.16") -0.013 / -0.038	6.000 (0.24") +0.060 / - 0.000	M3x0.50	4.00	416 Stainless Steel	* SHLD040-006-SKT-S416 Head Height (B): 3.00, Head Diameter (F): 6.00, Allen Key Size: 2.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
4.000 (0.16") -0.013 / -0.038	8.000 (0.31") +0.013 / +0.063	M3x0.50	4.00	303 Stainless Steel	* SHLD040-008-PH-S3 Head Height (H): 3.00, Head Diameter (D): 6.00, : Phillips Drive, Phillips Size: 3
4.000 (0.16") +0.000 / -0.078	8.000 (0.31")	M3x0.50	4.00	303 Stainless Steel	* SHLD040-008-SL-S3 Head Height (H): 3.00, Head Diameter (D): 6.00, Drive Type: Slotted Drive
4.000 (0.16")	8.000 (0.31")	M3x0.50	4.50	Carbon Steel	SHLD040-008-SLL-C Head Height (H): 1.80, Head Diameter (D): 7.00, : Slotted Drive
4.000 (0.16") +0.000 / -0.076	8.000 (0.31") +0.05 / +0.2	M3x0.50	4.00	303 Stainless Steel	SHLD040-008-SKT-S3 Head Height (B): 3.00, Head Diameter (F): 6.00, Allen Key Size: 2.00
4.000 (0.16") -0.013 / -0.038	8.000 (0.31") +0.060 / - 0.000	M3x0.50	4.00	416 Stainless Steel	* SHLD040-008-SKT-S416 Head Height (B): 3.00, Head Diameter (F): 6.00, Allen Key Size: 2.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
4.000 (0.16") -0.013 / -0.038	10.000 (0.39") +0.013 / +0.063	M3x0.50	4.00	303 Stainless Steel	* SHLD040-010-PH-S3 Head Height (H): 3.00, Head Diameter (D): 6.00, : Phillips Drive, Phillips Size: 3
4.000 (0.16") +0.000 / -0.078	10.000 (0.39")	M3x0.50	4.00	303 Stainless Steel	** SHLD040-010-SL-S3 Head Height (H): 3.00, Head Diameter (D): 6.00, Drive Type: Slotted Drive
4.000 (0.16")	10.000 (0.39")	M3x0.50	4.50	Carbon Steel	** SHLD040-010-SLL-C Head Height (H): 1.80, Head Diameter (D): 7.00, : Slotted Drive
4.000 (0.16") +0.000 / -0.076	10.000 (0.39") +0.05 / +0.2	M3x0.50	4.00	303 Stainless Steel	SHLD040-010-SKT-S3 Head Height (B): 3.00, Head Diameter (F): 6.00, Allen Key Size: 2.00
4.000 (0.16") -0.013 / -0.038	10.000 (0.39") +0.060 / - 0.000	M3x0.50	4.00	416 Stainless Steel	* SHLD040-010-SKT-S416 Head Height (B): 3.00, Head Diameter (F): 6.00, Allen Key Size: 2.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
<b>4.762 mm Shoulder Diameter</b>					
4.762 (0.19") +0.000 / -0.076	3.180 (0.13")	8-32 UNC	4.76	303 Stainless Steel	SHLD048-003-SKT-S3 Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.025 / -0.127	3.200 (0.13")	8-32 UNC	4.76	303 Stainless Steel	SHLD048-003-SL-S3 Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive

 Stocked or Short Delivery

 Usually Available Short Delivery

 Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
4.762 (0.19") -0.013 / -0.038	3.200 (0.13")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-003-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") -0.013 / -0.038	3.210 (0.13")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-003-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread
4.762 (0.19") -0.006 / -0.024	4.700 (0.19")	8-32 UNC	9.96	303 Stainless Steel	<b>SHLD048-005-SLL-S3</b> Head Height (H): 1.59, Head Diameter (D): 7.94, : Slotted Drive
4.762 (0.19") +0.000 / -0.076	4.780 (0.19")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-005-SKT-S3</b> Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.013 / -0.038	4.800 (0.19")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-005-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") -0.025 / -0.127	4.800 (0.19")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-005-SL-S3</b> Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive
4.762 (0.19") -0.013 / -0.038	4.800 (0.19")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-005-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread
4.762 (0.19") +0.000 / -0.076	6.350 (0.25")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-006-SKT-S3</b> Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.013 / -0.038	6.390 (0.25")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-006-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread
4.762 (0.19") -0.013 / -0.038	6.400 (0.25")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-006-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") -0.025 / -0.127	6.400 (0.25")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-006-SL-S3</b> Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive
4.762 (0.19") +0.000 / -0.076	7.930 (0.31")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-008-SKT-S3</b> Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.013 / -0.038	7.980 (0.31")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-008-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread
4.762 (0.19") -0.025 / -0.127	8.000 (0.31")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-008-SL-S3</b> Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive
4.762 (0.19") -0.013 / -0.038	8.000 (0.31")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-008-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") -0.025 / -0.127	9.500 (0.37")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-010-SL-S3</b> Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive
4.762 (0.19") +0.000 / -0.076	9.530 (0.38")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-010-SKT-S3</b> Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.013 / -0.038	9.560 (0.38")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-010-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread
4.762 (0.19") -0.013 / -0.038	9.600 (0.38")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-010-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") -0.025 / -0.127	12.700 (0.50")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-013-SL-S3</b> Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive
4.762 (0.19") -0.013 / -0.038	12.700 (0.50")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-013-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") +0.000 / -0.076	12.700 (0.50")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-013-SKT-S3</b> Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.013 / -0.038	12.740 (0.50")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-013-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread
4.762 (0.19") +0.000 / -0.076	15.880 (0.63")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-016-SKT-S3</b> Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.025 / -0.127	15.900 (0.63")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-016-SL-S3</b> Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive
4.762 (0.19") -0.013 / -0.038	15.900 (0.63")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-016-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") -0.013 / -0.038	15.910 (0.63")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-016-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread
4.762 (0.19") +0.000 / -0.076	19.050 (0.75")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-019-SKT-S3</b> Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.013 / -0.038	19.090 (0.75")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-019-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread
4.762 (0.19") -0.013 / -0.038	19.100 (0.75")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-019-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") -0.025 / -0.127	19.100 (0.75")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-019-SL-S3</b> Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive

  Stocked or Short Delivery     
  Usually Available Short Delivery     
  Long delivery or not in current production

\* Large Minimum Quantities


\*\* Available only while stock lasts




Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
4.762 (0.19") -0.013 / -0.038	25.400 (1.00")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-025-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") -0.025 / -0.127	25.400 (1.00")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-025-SL-S3</b> Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive
4.762 (0.19") +0.000 / -0.076	25.400 (1.00")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-025-SKT-S3</b> Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.013 / -0.038	25.440 (1.00")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-025-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread
4.762 (0.19") +0.000 / -0.076	31.750 (1.25")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-032-SL-S3</b> Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.013 / -0.038	31.790 (1.25")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-032-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread
4.762 (0.19") -0.025 / -0.127	31.800 (1.25")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-032-SL-S3</b> Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive
4.762 (0.19") -0.013 / -0.038	31.800 (1.25")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-032-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") -0.025 / -0.127	38.100 (1.50")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-038-SL-S3</b> Head Height (H): 3.97, Head Diameter (D): 7.94, Drive Type: Slotted Drive
4.762 (0.19") -0.013 / -0.038	38.100 (1.50")	8-32 UNC	4.78	303 Stainless Steel	* SHLD048-038-SL-P-S3 Head Height (H): 3.96, Head Diameter (D): 7.95, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
4.762 (0.19") +0.000 / -0.076	38.100 (1.50")	8-32 UNC	4.76	303 Stainless Steel	<b>SHLD048-038-SKT-S3</b> Head Height (B): 3.97, Head Diameter (F): 7.94, Allen Key Size: 2.38
4.762 (0.19") -0.013 / -0.038	38.140 (1.50")	8-32 UNC	4.78	303 Stainless Steel	<b>SHLD048-038-SKT-P-S3</b> Head Height (B): 3.96, Head Diameter (F): 7.94, Allen Key Size: 2.38, Thread Type: Class 3A Thread

### 5.000 mm Shoulder Diameter

5.000 (0.20") +0.000 / -0.078	4.000 (0.16")	M4x0.70	5.00	303 Stainless Steel	* SHLD050-004-SL-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20") +0.000 / -0.076	4.000 (0.16") +0.05 / +0.2	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-004-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50
5.000 (0.20") -0.013 / -0.038	4.000 (0.16") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	** <b>SHLD050-004-SKT-S416</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
5.000 (0.20") +0.000 / -0.078	5.000 (0.20")	M4x0.70	5.00	303 Stainless Steel	* SHLD050-005-SL-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20") +0.000 / -0.076	5.000 (0.20") +0.05 / +0.2	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-005-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50
5.000 (0.20") -0.013 / -0.038	5.000 (0.20") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	* SHLD050-005-SKT-S416 Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
5.000 (0.20") +0.000 / -0.078	6.000 (0.24")	M4x0.70	5.00	303 Stainless Steel	* SHLD050-006-SL-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20") +0.000 / -0.076	6.000 (0.24") +0.05 / +0.2	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-006-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50
5.000 (0.20") -0.013 / -0.038	6.000 (0.24") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	* SHLD050-006-SKT-S416 Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
5.000 (0.20") -0.013 / -0.038	8.000 (0.31") +0.013 / +0.063	M4x0.70	5.00	303 Stainless Steel	* SHLD050-008-PH-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, : Phillips Drive, Phillips Size: 3
5.000 (0.20") +0.000 / -0.078	8.000 (0.31")	M4x0.70	5.00	303 Stainless Steel	* SHLD050-008-SL-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20") +0.000 / -0.076	8.000 (0.31") +0.05 / +0.2	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-008-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50
5.000 (0.20") -0.013 / -0.038	8.000 (0.31") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	* SHLD050-008-SKT-S416 Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
5.000 (0.20") -0.013 / -0.038	10.000 (0.39") +0.013 / +0.063	M4x0.70	5.00	303 Stainless Steel	* SHLD050-010-PH-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, : Phillips Drive, Phillips Size: 3
5.000 (0.20") +0.000 / -0.078	10.000 (0.39")	M4x0.70	5.00	303 Stainless Steel	* SHLD050-010-SL-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20")	10.000 (0.39")	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-010-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50

 Stocked or Short Delivery

 Usually Available Short Delivery

 Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
5.000 (0.20") -0.013 / -0.038	10.000 (0.39") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	* SHLD050-010-SKT-S416 Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
5.000 (0.20") -0.013 / -0.038	12.000 (0.47") +0.013 / +0.063	M4x0.70	5.00	303 Stainless Steel	* SHLD050-012-PH-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, : Phillips Drive, Phillips Size: 3
5.000 (0.20") +0.000 / -0.078	12.000 (0.47")	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-012-SL-S3</b> Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20") +0.000 / -0.076	12.000 (0.47") +0.05 / +0.2	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-012-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50
5.000 (0.20") -0.013 / -0.038	12.000 (0.47") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	* SHLD050-012-SKT-S416 Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
5.000 (0.20") -0.013 / -0.038	14.000 (0.55") +0.013 / +0.063	M4x0.70	5.00	303 Stainless Steel	* SHLD050-014-PH-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, : Phillips Drive, Phillips Size: 3
5.000 (0.20") +0.000 / -0.078	14.000 (0.55")	M4x0.70	5.00	303 Stainless Steel	* SHLD050-014-SL-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20") +0.000 / -0.076	14.000 (0.55") +0.05 / +0.2	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-014-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50
5.000 (0.20") -0.013 / -0.038	14.000 (0.55") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	* SHLD050-014-SKT-S416 Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
5.000 (0.20") -0.013 / -0.038	16.000 (0.63") +0.013 / +0.063	M4x0.70	5.00	303 Stainless Steel	* SHLD050-016-PH-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, : Phillips Drive, Phillips Size: 3
5.000 (0.20") +0.000 / -0.078	16.000 (0.63")	M4x0.70	5.00	303 Stainless Steel	<b>** SHLD050-016-SL-S3</b> Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20") +0.000 / -0.076	16.000 (0.63") +0.05 / +0.2	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-016-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50
5.000 (0.20") -0.013 / -0.038	16.000 (0.63") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	* SHLD050-016-SKT-S416 Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
5.000 (0.20") -0.013 / -0.038	20.000 (0.79") +0.013 / +0.063	M4x0.70	5.00	303 Stainless Steel	* SHLD050-020-PH-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, : Phillips Drive, Phillips Size: 3
5.000 (0.20") +0.000 / -0.078	20.000 (0.79")	M4x0.70	5.00	303 Stainless Steel	* SHLD050-020-SL-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20") +0.000 / -0.076	20.000 (0.79") +0.05 / +0.2	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-020-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50
5.000 (0.20") -0.013 / -0.038	20.000 (0.79") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	* SHLD050-020-SKT-S416 Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
5.000 (0.20") -0.013 / -0.038	25.000 (0.98") +0.013 / +0.063	M4x0.70	5.00	303 Stainless Steel	* SHLD050-025-PH-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, : Phillips Drive, Phillips Size: 3
5.000 (0.20") +0.000 / -0.078	25.000 (0.98")	M4x0.70	5.00	303 Stainless Steel	* SHLD050-025-SL-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20") +0.000 / -0.076	25.000 (0.98") +0.05 / +0.2	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-025-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50
5.000 (0.20") -0.013 / -0.038	25.000 (0.98") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	* SHLD050-025-SKT-S416 Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
5.000 (0.20") -0.013 / -0.038	30.000 (1.18") +0.013 / +0.063	M4x0.70	5.00	303 Stainless Steel	* SHLD050-030-PH-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, : Phillips Drive, Phillips Size: 3
5.000 (0.20") +0.000 / -0.078	30.000 (1.18")	M4x0.70	5.00	303 Stainless Steel	* SHLD050-030-SL-S3 Head Height (H): 4.00, Head Diameter (D): 8.00, Drive Type: Slotted Drive
5.000 (0.20") +0.000 / -0.076	30.000 (1.18") +0.05 / +0.2	M4x0.70	5.00	303 Stainless Steel	<b>SHLD050-030-SKT-S3</b> Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50
5.000 (0.20") -0.013 / -0.038	30.000 (1.18") +0.060 / - 0.000	M4x0.70	5.00	416 Stainless Steel	* SHLD050-030-SKT-S416 Head Height (B): 4.00, Head Diameter (F): 8.00, Allen Key Size: 2.50, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
<b>5.500 mm Shoulder Diameter</b>					
5.500 (0.22")	2.000 (0.08")	M4x0.70	4.50	Carbon Steel	<b>** SHLD055-002-SLL-C</b> Head Height (H): 2.40, Head Diameter (D): 8.50, : Slotted Drive
5.500 (0.22")	2.500 (0.10")	M4x0.70	6.00	Carbon Steel	<b>** SHLD055-0025-SLL-C</b> Head Height (H): 2.40, Head Diameter (D): 8.50, : Slotted Drive
5.500 (0.22")	3.000 (0.12")	M4x0.70	6.00	Carbon Steel	* SHLD055-003-SLL-C Head Height (H): 2.40, Head Diameter (D): 8.50, : Slotted Drive



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
5.500 (0.22")	4.000 (0.16")	M4x0.70	6.00	Carbon Steel	* SHLD055-004-SLL-C Head Height (H): 2.40, Head Diameter (D): 8.50, : Slotted Drive
5.500 (0.22")	5.000 (0.20")	M4x0.70	6.00	Carbon Steel	* SHLD055-005-SLL-C Head Height (H): 2.40, Head Diameter (D): 8.50, : Slotted Drive
5.500 (0.22")	6.000 (0.24")	M4x0.70	6.00	Carbon Steel	* SHLD055-006-SLL-C Head Height (H): 2.40, Head Diameter (D): 8.50, : Slotted Drive
5.500 (0.22")	8.000 (0.31")	M4x0.70	6.00	Carbon Steel	* SHLD055-008-SLL-C Head Height (H): 2.40, Head Diameter (D): 8.50, : Slotted Drive
5.500 (0.22")	10.000 (0.39")	M4x0.70	6.00	Carbon Steel	* SHLD055-010-SLL-C Head Height (H): 2.40, Head Diameter (D): 8.50, : Slotted Drive
5.500 (0.22")	12.000 (0.47")	M4x0.70	6.00	Carbon Steel	* SHLD055-012-SLL-C Head Height (H): 2.40, Head Diameter (D): 8.50, : Slotted Drive
5.500 (0.22")	16.000 (0.63")	M4x0.70	6.00	Carbon Steel	* SHLD055-016-SLL-C Head Height (H): 2.40, Head Diameter (D): 8.50, : Slotted Drive

### 6.000 mm Shoulder Diameter

6.000 (0.24") +0.000 / -0.078	4.000 (0.16")	M5x0.8	6.00	303 Stainless Steel	* SHLD060-004-SL-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive
6.000 (0.24") +0.000 / -0.076	4.000 (0.16") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-004-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	4.000 (0.16") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	* SHLD060-004-SKT-S416 Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") +0.000 / - 0.024	4.800 (0.19")	M5x0.8	11.05	303 Stainless Steel	<b>SHLD060-005-SLL-S3</b> Head Height (H): 1.50, Head Diameter (D): 8.00, : Slotted Drive
6.000 (0.24") +0.000 / -0.078	5.000 (0.20")	M5x0.8	6.00	303 Stainless Steel	* SHLD060-005-SL-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive
6.000 (0.24") +0.000 / -0.076	5.000 (0.20") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-005-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	5.000 (0.20") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	* SHLD060-005-SKT-S416 Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") -0.010 / -0.040	5.000 (0.20")	M5x0.8	6.00	Hardened Carbon Steel	<b>SHLD060-005-SKT-C</b> Head Height (B): 4.00, Head Diameter (F): 12.00, Allen Key Size: 3.00
6.000 (0.24") +0.000 / -0.078	6.000 (0.24")	M5x0.8	6.00	303 Stainless Steel	* SHLD060-006-SL-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive
6.000 (0.24") +0.000 / -0.076	6.000 (0.24") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-006-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	6.000 (0.24") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	** <b>SHLD060-006-SKT-S416</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") -0.010 / -0.040	6.000 (0.24")	M5x0.8	6.00	Hardened Carbon Steel	<b>SHLD060-006-SKT-C</b> Head Height (B): 4.00, Head Diameter (F): 12.00, Allen Key Size: 3.00
6.000 (0.24") +0.000 / -0.078	8.000 (0.31")	M5x0.8	6.00	303 Stainless Steel	* SHLD060-008-SL-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive
6.000 (0.24") +0.000 / -0.076	8.000 (0.31") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-008-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	8.000 (0.31") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	* SHLD060-008-SKT-S416 Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") -0.013 / -0.038	10.000 (0.39") +0.013 / +0.063	M5x0.80	6.00	303 Stainless Steel	* SHLD060-010-PH-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, : Phillips Drive, Philips Size: 3
6.000 (0.24") +0.000 / -0.078	10.000 (0.39")	M5x0.8	6.00	303 Stainless Steel	** <b>SHLD060-010-SL-S3</b> Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive
6.000 (0.24")	10.000 (0.39") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-010-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	10.000 (0.39") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	* SHLD060-010-SKT-S416 Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") -0.010 / -0.040	10.000 (0.39")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-010-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") +0.000 / -0.078	12.000 (0.47")	M5x0.8	6.00	303 Stainless Steel	** <b>SHLD060-012-SL-S3</b> Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
6.000 (0.24") +0.000 / -0.076	12.000 (0.47") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-012-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	12.000 (0.47") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	* SHLD060-012-SKT-S416 Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") -0.010 / -0.040	12.000 (0.47")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-012-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	14.000 (0.55") +0.013 / +0.063	M5x0.80	6.00	303 Stainless Steel	* SHLD060-014-PH-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, : Phillips Drive, Phillips Size: 3
6.000 (0.24") +0.000 / -0.078	14.000 (0.55")	M5x0.8	6.00	303 Stainless Steel	* SHLD060-014-SL-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive
6.000 (0.24") +0.000 / -0.076	14.000 (0.55") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-014-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	14.000 (0.55") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	* SHLD060-014-SKT-S416 Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") +0.000 / -0.078	16.000 (0.63")	M5x0.8	6.00	303 Stainless Steel	* SHLD060-016-SL-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive
6.000 (0.24") +0.000 / -0.076	16.000 (0.63") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-016-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	16.000 (0.63") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	* SHLD060-016-SKT-S416 Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") -0.010 / -0.040	16.000 (0.63")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-016-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	20.000 (0.79") +0.013 / +0.063	M5x0.80	6.00	303 Stainless Steel	* SHLD060-020-PH-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, : Phillips Drive, Phillips Size: 3
6.000 (0.24") +0.000 / -0.078	20.000 (0.79")	M5x0.8	6.00	303 Stainless Steel	* SHLD060-020-SL-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive
6.000 (0.24") +0.000 / -0.076	20.000 (0.79") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-020-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	20.000 (0.79") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	** SHLD060-020-SKT-S416 Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") -0.010 / -0.040	20.000 (0.79")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-020-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") +0.000 / -0.078	25.000 (0.98")	M5x0.8	6.00	303 Stainless Steel	* SHLD060-025-SL-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive
6.000 (0.24") +0.000 / -0.076	25.000 (0.98") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-025-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	25.000 (0.98") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	* SHLD060-025-SKT-S416 Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") -0.010 / -0.040	25.000 (0.98")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-025-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	30.000 (1.18") +0.013 / +0.063	M5x0.80	6.00	303 Stainless Steel	* SHLD060-030-PH-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, : Phillips Drive, Phillips Size: 3
6.000 (0.24") +0.000 / -0.078	30.000 (1.18")	M5x0.8	6.00	303 Stainless Steel	* SHLD060-030-SL-S3 Head Height (H): 5.00, Head Diameter (D): 10.00, Drive Type: Slotted Drive
6.000 (0.24") +0.000 / -0.076	30.000 (1.18") +0.05 / +0.2	M5x0.8	6.00	303 Stainless Steel	<b>SHLD060-030-SKT-S3</b> Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.013 / -0.038	30.000 (1.18") +0.060 / - 0.000	M5x0.8	6.00	416 Stainless Steel	* SHLD060-030-SKT-S416 Head Height (B): 5.00, Head Diameter (F): 10.00, Allen Key Size: 3.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
6.000 (0.24") -0.010 / -0.040	30.000 (1.18")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-030-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.010 / -0.040	40.000 (1.57")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-040-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.010 / -0.040	50.000 (1.97")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-050-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.010 / -0.040	60.000 (2.36")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-060-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00

Stocked or Short Delivery


Usually Available Short Delivery

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\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
6.000 (0.24") -0.010 / -0.040	70.000 (2.76")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-070-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.010 / -0.040	80.000 (3.15")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-080-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
6.000 (0.24") -0.010 / -0.040	100.000 (3.94")	M5x0.8	9.50	Hardened Carbon Steel	<b>SHLD060-100-SKT-C</b> Head Height (B): 4.50, Head Diameter (F): 10.00, Allen Key Size: 3.00
<b>6.350 mm Shoulder Diameter</b>					
6.350 (0.25") +0.000 / -0.076	3.180 (0.13")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-003-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.013 / -0.038	3.200 (0.13")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-003-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
6.350 (0.25") -0.025 / -0.127	3.200 (0.13")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-003-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") -0.013 / -0.038	3.210 (0.13")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-003-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25") -0.006 / -0.024	4.700 (0.19")	10-32 UNF	11.94	303 Stainless Steel	<b>SHLD064-005-SLL-S3</b> Head Height (H): 1.59, Head Diameter (D): 9.53, : Slotted Drive
6.350 (0.25") +0.000 / -0.076	4.780 (0.19")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-005-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.025 / -0.127	4.800 (0.19")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-005-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") -0.013 / -0.038	4.800 (0.19")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-005-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
6.350 (0.25") -0.013 / -0.038	4.800 (0.19")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-005-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25") -0.051 / -0.102	6.350 (0.25")	10-24 UNC	9.53	4140L Heat Treated Steel	<b>SHLD064-006-SKT-J-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Hex Key Size: 3.18
6.350 (0.25") +0.000 / -0.076	6.350 (0.25")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-006-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	6.350 (0.25")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-006-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.013 / -0.038	6.390 (0.25")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-006-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25") -0.025 / -0.127	6.400 (0.25")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-006-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") -0.013 / -0.038	6.400 (0.25")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-006-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
6.350 (0.25") +0.000 / -0.076	7.930 (0.31")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-008-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	7.940 (0.31")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-008-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.013 / -0.038	7.980 (0.31")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-008-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25") -0.013 / -0.038	8.000 (0.31")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-008-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
6.350 (0.25") -0.025 / -0.127	8.000 (0.31")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-008-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") -0.025 / -0.127	9.500 (0.37")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-010-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") +0.000 / -0.076	9.530 (0.38")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-010-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	9.530 (0.38")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-010-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.013 / -0.038	9.560 (0.38")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-010-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25") -0.013 / -0.038	9.600 (0.38")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-010-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
6.350 (0.25") -0.025 / -0.127	12.700 (0.50")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-013-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") -0.013 / -0.038	12.700 (0.50")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-013-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread

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Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
6.350 (0.25") +0.000 / -0.076	12.700 (0.50")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-013-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25")	12.700 (0.50")	10-24 UNC	9.53	Hardened Alloy Steel	<b>SHLD064-013-SKT-C</b> Head Height (B): 4.74, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	12.700 (0.50")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-013-SKT-C-F</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.013 / -0.038	12.740 (0.50")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-013-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25") +0.000 / -0.076	15.880 (0.63")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-016-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	15.880 (0.63")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-016-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.025 / -0.127	15.900 (0.63")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-016-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") -0.013 / -0.038	15.900 (0.63")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-016-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
6.350 (0.25") -0.013 / -0.038	15.910 (0.63")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-016-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25") +0.000 / -0.076	19.050 (0.75")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-019-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	19.050 (0.75")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-019-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.013 / -0.038	19.090 (0.75")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-019-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25") -0.025 / -0.127	19.100 (0.75")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-019-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") -0.013 / -0.038	19.100 (0.75")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-019-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
6.350 (0.25") -0.013 / -0.038	25.400 (1.00")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-025-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
6.350 (0.25") -0.025 / -0.127	25.400 (1.00")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-025-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") +0.000 / -0.076	25.400 (1.00")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-025-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	25.400 (1.00")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-025-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.013 / -0.038	25.440 (1.00")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-025-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25") +0.000 / -0.076	31.750 (1.25")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-032-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	31.750 (1.25")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-032-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.013 / -0.038	31.790 (1.25")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-032-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25") -0.013 / -0.038	31.800 (1.25")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-032-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
6.350 (0.25") -0.025 / -0.127	31.800 (1.25")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-032-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") -0.025 / -0.127	38.100 (1.50")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-038-SL-S3</b> Head Height (H): 4.76, Head Diameter (D): 9.53, Drive Type: Slotted Drive
6.350 (0.25") -0.013 / -0.038	38.100 (1.50")	10-32 UNF	6.35	303 Stainless Steel	* <b>SHLD064-038-SL-P-S3</b> Head Height (H): 4.78, Head Diameter (D): 9.53, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
6.350 (0.25") +0.000 / -0.076	38.100 (1.50")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-038-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	38.100 (1.50")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-038-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.013 / -0.038	38.140 (1.50")	10-32 UNF	6.35	303 Stainless Steel	<b>SHLD064-038-SKT-P-S3</b> Head Height (B): 4.78, Head Diameter (F): 9.53, Allen Key Size: 3.18, Thread Type: Class 3A Thread
6.350 (0.25")	44.450 (1.75")	10-24 UNC	6.35	303 Stainless Steel	* <b>SHLD064-044-SKT-S3</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	44.450 (1.75")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-044-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
6.350 (0.25") -0.010 / -0.040	50.800 (2.00")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-051-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	57.150 (2.25")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-057-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	63.500 (2.50")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-064-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	69.850 (2.75")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-070-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	76.200 (3.00")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-076-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	88.900 (3.50")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-089-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18
6.350 (0.25") -0.010 / -0.040	101.600 (4.00")	10-32 UNF	6.35	Hardened Carbon Steel	<b>SHLD064-102-SKT-C</b> Head Height (B): 4.76, Head Diameter (F): 9.53, Allen Key Size: 3.18

### 7.000 mm Shoulder Diameter

7.000 (0.28")	2.500 (0.10")	M5x0.8	7.00	Carbon Steel	<b>** SHLD070-0025-SLL-C</b> Head Height (H): 2.70, Head Diameter (D): 11.00, : Slotted Drive
7.000 (0.28")	3.000 (0.12")	M5x0.8	7.00	Carbon Steel	<b>* SHLD070-003-SLL-C</b> Head Height (H): 2.70, Head Diameter (D): 11.00, : Slotted Drive
7.000 (0.28")	4.000 (0.16")	M5x0.8	7.00	Carbon Steel	<b>* SHLD070-004-SLL-C</b> Head Height (H): 2.70, Head Diameter (D): 11.00, : Slotted Drive
7.000 (0.28")	5.000 (0.20")	M5x0.8	7.00	Carbon Steel	<b>* SHLD070-005-SLL-C</b> Head Height (H): 2.70, Head Diameter (D): 11.00, : Slotted Drive
7.000 (0.28")	6.000 (0.24")	M5x0.8	7.00	Carbon Steel	<b>* SHLD070-006-SLL-C</b> Head Height (H): 2.70, Head Diameter (D): 11.00, : Slotted Drive
7.000 (0.28")	8.000 (0.31")	M5x0.8	7.00	Carbon Steel	<b>* SHLD070-008-SLL-C</b> Head Height (H): 2.70, Head Diameter (D): 11.00, : Slotted Drive
7.000 (0.28")	10.000 (0.39")	M5x0.8	7.00	Carbon Steel	<b>* SHLD070-010-SLL-C</b> Head Height (H): 2.70, Head Diameter (D): 11.00, : Slotted Drive
7.000 (0.28")	12.000 (0.47")	M5x0.8	7.00	Carbon Steel	<b>* SHLD070-012-SLL-C</b> Head Height (H): 2.70, Head Diameter (D): 11.00, : Slotted Drive
7.000 (0.28")	16.000 (0.63")	M5x0.8	7.00	Carbon Steel	<b>* SHLD070-016-SLL-C</b> Head Height (H): 2.70, Head Diameter (D): 11.00, : Slotted Drive

### 7.925 mm Shoulder Diameter

7.925 (0.31") -0.051 / -0.102	6.350 (0.25")	1/4-20 UNC	11.10	4140L Heat Treated Steel	<b>SHLD079-006-SKT-J-C</b> Head Height (B): 5.56, Head Diameter (F): 11.10, Hex Key Size: 3.96
7.925 (0.31") -0.051 / -0.102	7.925 (0.31")	1/4-20 UNC	11.10	4140L Heat Treated Steel	<b>SHLD079-008-SKT-J-C</b> Head Height (B): 5.56, Head Diameter (F): 11.10, Hex Key Size: 3.96

### 7.938 mm Shoulder Diameter

7.938 (0.31") -0.025 / -0.127	6.350 (0.25")	1/4-20 UNC	11.10	303 Stainless Steel	<b>SHLD079-006-SL-S3</b> Head Height (H): 5.54, Head Diameter (D): 12.70, Drive Type: Slotted Drive
7.938 (0.31") +0.000 / -0.076	6.350 (0.25")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD079-006-SKT-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	6.350 (0.25")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-006-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.013 / -0.038	6.390 (0.25")	1/4-20 UNC	11.13	303 Stainless Steel	<b>SHLD079-006-SKT-P-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97, Thread Type: Class 3A Thread
7.938 (0.31") -0.013 / -0.038	6.400 (0.25")	1/4-20 UNC	11.13	303 Stainless Steel	<b>* SHLD079-006-SL-P-S3</b> Head Height (H): 5.56, Head Diameter (D): 12.70, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
7.938 (0.31") -0.025 / -0.127	7.925 (0.31")	1/4-20 UNC	11.10	303 Stainless Steel	<b>SHLD079-008-SL-S3</b> Head Height (H): 5.54, Head Diameter (D): 12.70, Drive Type: Slotted Drive
7.938 (0.31") +0.000 / -0.076	7.930 (0.31")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD079-008-SKT-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	7.940 (0.31")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-008-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.013 / -0.038	7.980 (0.31")	1/4-20 UNC	11.13	303 Stainless Steel	<b>SHLD079-008-SKT-P-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97, Thread Type: Class 3A Thread
7.938 (0.31") -0.013 / -0.038	8.000 (0.31")	1/4-20 UNC	11.13	303 Stainless Steel	<b>* SHLD079-008-SL-P-S3</b> Head Height (H): 5.56, Head Diameter (D): 12.70, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
7.938 (0.31") +0.000 / -0.076	9.530 (0.38")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD079-010-SKT-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
7.938 (0.31") -0.010 / -0.040	9.530 (0.38")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-010-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.013 / -0.038	9.560 (0.38")	1/4-20 UNC	11.13	303 Stainless Steel	<b>SHLD079-010-SKT-P-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97, Thread Type: Class 3A Thread
7.938 (0.31") -0.013 / -0.038	9.600 (0.38")	1/4-20 UNC	11.13	303 Stainless Steel	* <b>SHLD079-010-SL-P-S3</b> Head Height (H): 5.56, Head Diameter (D): 12.70, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
7.938 (0.31") -0.025 / -0.127	12.700 (0.50")	1/4-20 UNC	11.10	303 Stainless Steel	<b>SHLD079-013-SL-S3</b> Head Height (H): 5.54, Head Diameter (D): 12.70, Drive Type: Slotted Drive
7.938 (0.31") -0.013 / -0.038	12.700 (0.50")	1/4-20 UNC	11.13	303 Stainless Steel	* <b>SHLD079-013-SL-P-S3</b> Head Height (H): 5.56, Head Diameter (D): 12.70, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
7.938 (0.31") +0.000 / -0.076	12.700 (0.50")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD079-013-SKT-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	12.700 (0.50")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-013-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.013 / -0.038	12.740 (0.50")	1/4-20 UNC	11.13	303 Stainless Steel	<b>SHLD079-013-SKT-P-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97, Thread Type: Class 3A Thread
7.938 (0.31") +0.000 / -0.076	15.880 (0.63")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD079-016-SKT-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	15.880 (0.63")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-016-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.013 / -0.038	15.900 (0.63")	1/4-20 UNC	11.13	303 Stainless Steel	* <b>SHLD079-016-SL-P-S3</b> Head Height (H): 5.56, Head Diameter (D): 12.70, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
7.938 (0.31") -0.013 / -0.038	15.910 (0.63")	1/4-20 UNC	11.13	303 Stainless Steel	<b>SHLD079-016-SKT-P-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97, Thread Type: Class 3A Thread
7.938 (0.31") -0.025 / -0.127	19.050 (0.75")	1/4-20 UNC	11.10	303 Stainless Steel	<b>SHLD079-019-SL-S3</b> Head Height (H): 5.54, Head Diameter (D): 12.70, Drive Type: Slotted Drive
7.938 (0.31") +0.000 / -0.076	19.050 (0.75")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD079-019-SKT-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	19.050 (0.75")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-019-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.013 / -0.038	19.090 (0.75")	1/4-20 UNC	11.13	303 Stainless Steel	<b>SHLD079-019-SKT-P-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97, Thread Type: Class 3A Thread
7.938 (0.31") -0.013 / -0.038	19.100 (0.75")	1/4-20 UNC	11.13	303 Stainless Steel	* <b>SHLD079-019-SL-P-S3</b> Head Height (H): 5.56, Head Diameter (D): 12.70, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
7.938 (0.31")	25.400 (1.00")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD079-025-SKT-S3</b> Head Height (B): 5.54, Head Diameter (F): 11.11, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	25.400 (1.00")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-025-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	31.750 (1.25")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-032-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	38.100 (1.50")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-038-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	44.450 (1.75")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-044-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	50.800 (2.00")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-051-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	57.150 (2.25")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-057-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	63.500 (2.50")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-064-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	69.850 (2.75")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-070-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	76.200 (3.00")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-076-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	82.550 (3.25")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-083-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	88.900 (3.50")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-089-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
7.938 (0.31") -0.010 / -0.040	101.600 (4.00")	1/4-20 UNC	11.11	Hardened Carbon Steel	<b>SHLD079-102-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97

Stocked or Short Delivery

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\* Large Minimum Quantities

\*\* Available only while stock lasts



Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
<b>8.000 mm Shoulder Diameter</b>					
8.000 (0.31")	3.000 (0.12")	M6x1.0	8.00	Carbon Steel	** SHLD080-003-SLL-C Head Height (H): 3.10, Head Diameter (D): 13.00, : Slotted Drive
8.000 (0.31")	4.000 (0.16")	M6x1.0	8.00	Carbon Steel	* SHLD080-004-SLL-C Head Height (H): 3.10, Head Diameter (D): 13.00, : Slotted Drive
8.000 (0.31") +0.000 / - 0.024	4.800 (0.19")	M6x1.0	14.75	303 Stainless Steel	SHLD080-005-SLL-S3 Head Height (H): 1.50, Head Diameter (D): 10.00, : Slotted Drive
8.000 (0.31")	5.000 (0.20")	M6x1.0	8.00	Carbon Steel	** SHLD080-005-SLL-C Head Height (H): 3.10, Head Diameter (D): 13.00, : Slotted Drive
8.000 (0.31") - 0.013 / -0.049	6.000 (0.24")	M6x1.0	11.00	303 Stainless Steel	* SHLD080-006-SL-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, Drive Type: Slotted Drive
8.000 (0.31")	6.000 (0.24")	M6x1.0	8.00	Carbon Steel	** SHLD080-006-SLL-C Head Height (H): 3.10, Head Diameter (D): 13.00, : Slotted Drive
8.000 (0.31") +0.000 / -0.076	6.000 (0.24") +0.05 / +0.2	M6x1.0	11.00	303 Stainless Steel	SHLD080-006-SKT-S3 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00
8.000 (0.31") -0.013 / -0.038	6.000 (0.24") +0.060 / - 0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD080-006-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
8.000 (0.31") - 0.013 / -0.049	8.000 (0.31")	M6x1.0	11.00	303 Stainless Steel	** SHLD080-008-SL-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, Drive Type: Slotted Drive
8.000 (0.31")	8.000 (0.31")	M6x1.0	8.00	Carbon Steel	** SHLD080-008-SLL-C Head Height (H): 3.10, Head Diameter (D): 13.00, : Slotted Drive
8.000 (0.31") +0.000 / -0.076	8.000 (0.31") +0.05 / +0.2	M6x1.0	11.00	303 Stainless Steel	SHLD080-008-SKT-S3 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00
8.000 (0.31") -0.013 / -0.038	8.000 (0.31") +0.060 / - 0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD080-008-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
8.000 (0.31") -0.013 / -0.049	8.000 (0.31")	M6x1.0	8.00	Hardened Carbon Steel	SHLD080-008-SKT-C Head Height (B): 4.00, Head Diameter (F): 14.00, Allen Key Size: 4.00
8.000 (0.31") -0.013 / -0.038	8.000 (0.31") +0.060 / - 0.000	M8x1.25	12.00	416 Stainless Steel	* SHLD100-008-SKT-M8-S416 Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
8.000 (0.31") - 0.013 / -0.049	10.000 (0.39")	M6x1.0	11.00	303 Stainless Steel	* SHLD080-010-SL-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, Drive Type: Slotted Drive
8.000 (0.31")	10.000 (0.39")	M6x1.0	8.00	Carbon Steel	* SHLD080-010-SLL-C Head Height (H): 3.10, Head Diameter (D): 13.00, : Slotted Drive
8.000 (0.31") +0.000 / -0.076	10.000 (0.39") +0.05 / +0.2	M6x1.0	11.00	303 Stainless Steel	SHLD080-010-SKT-S3 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00
8.000 (0.31") -0.013 / -0.038	10.000 (0.39") +0.060 / - 0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD080-010-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
8.000 (0.31") -0.010 / -0.040	10.000 (0.39")	M6x1.0	8.00	Hardened Carbon Steel	SHLD080-010-SKT-C Head Height (B): 4.00, Head Diameter (F): 14.00, Allen Key Size: 4.00
8.000 (0.31") -0.013 / -0.038	12.000 (0.47") +0.013 / +0.063	M6x1.0	11.00	303 Stainless Steel	* SHLD080-012-PH-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, : Phillips Drive, Phillips Size: 3
8.000 (0.31") - 0.013 / -0.049	12.000 (0.47")	M6x1.0	11.00	303 Stainless Steel	* SHLD080-012-SL-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, Drive Type: Slotted Drive
8.000 (0.31")	12.000 (0.47")	M6x1.0	8.00	Carbon Steel	** SHLD080-012-SLL-C Head Height (H): 3.10, Head Diameter (D): 13.00, : Slotted Drive
8.000 (0.31") +0.000 / -0.076	12.000 (0.47") +0.05 / +0.2	M6x1.0	11.00	303 Stainless Steel	SHLD080-012-SKT-S3 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00
8.000 (0.31") -0.013 / -0.038	12.000 (0.47") +0.060 / - 0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD080-012-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
8.000 (0.31") -0.010 / -0.040	12.000 (0.47")	M6x1.0	11.00	Hardened Carbon Steel	SHLD080-012-SKT-C Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") -0.013 / -0.038	16.000 (0.63") +0.013 / +0.063	M6x1.0	11.00	303 Stainless Steel	* SHLD080-016-PH-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, : Phillips Drive, Phillips Size: 3
8.000 (0.31") - 0.013 / -0.049	16.000 (0.63")	M6x1.0	11.00	303 Stainless Steel	* SHLD080-016-SL-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, Drive Type: Slotted Drive
8.000 (0.31")	16.000 (0.63")	M6x1.0	8.00	Carbon Steel	* SHLD080-016-SLL-C Head Height (H): 3.10, Head Diameter (D): 13.00, : Slotted Drive



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
8.000 (0.31") +0.000 / -0.076	16.000 (0.63") +0.05 / +0.2	M6x1.0	11.00	303 Stainless Steel	<b>SHLD080-016-SKT-S3</b> Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00
8.000 (0.31") -0.013 / -0.038	16.000 (0.63") +0.060 / - 0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD080-016-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
8.000 (0.31") -0.010 / -0.040	16.000 (0.63")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-016-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") -0.013 / -0.038	20.000 (0.79") +0.013 / +0.063	M6x1.0	11.00	303 Stainless Steel	* SHLD080-020-PH-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, : Phillips Drive, Phillips Size: 3
8.000 (0.31") - 0.013 / -0.049	20.000 (0.79")	M6x1.0	11.00	303 Stainless Steel	* SHLD080-020-SL-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, Drive Type: Slotted Drive
8.000 (0.31")	20.000 (0.79")	M6x1.0	8.00	Carbon Steel	* SHLD080-020-SLL-C Head Height (H): 3.10, Head Diameter (D): 13.00, : Slotted Drive
8.000 (0.31") -0.013 / -0.038	20.000 (0.79") +0.013/+0.063	M6x1.0	11.00	303 Stainless Steel	<b>SHLD080-020-SKT-S3</b> Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00
8.000 (0.31") -0.013 / -0.038	20.000 (0.79") +0.013/+0.063	M6x1.0	11.00	416 Stainless Steel	* SHLD080-020-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
8.000 (0.31") -0.010 / -0.040	20.000 (0.79")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-020-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31")	25.000 (0.98")	M6x1.0	11.00	303 Stainless Steel	<b>SHLD080-025-SKT-S3</b> Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -
8.000 (0.31") -0.013 / -0.038	25.000 (0.98") +0.060 / - 0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD080-025-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
8.000 (0.31") -0.010 / -0.040	25.000 (0.98")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-025-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") +0/-0.078	30.000 (1.18") +0.05/+0.20	M6x1.0	11.00	303 Stainless Steel	<b>SHLD080-030-SKT-S3</b> Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -
8.000 (0.31") -0.013 / -0.038	30.000 (1.18") +0.060 / - 0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD080-030-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
8.000 (0.31") -0.010 / -0.040	30.000 (1.18")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-030-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") -0.010 / -0.040	35.000 (1.38")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-035-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") -0.010 / -0.040	40.000 (1.57")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-040-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") -0.010 / -0.040	50.000 (1.97")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-050-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") -0.010 / -0.040	60.000 (2.36")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-060-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") -0.010 / -0.040	70.000 (2.76")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-070-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") -0.010 / -0.040	80.000 (3.15")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-080-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") -0.010 / -0.040	90.000 (3.54")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-090-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
8.000 (0.31") -0.010 / -0.040	100.000 (3.94")	M6x1.0	11.00	Hardened Carbon Steel	<b>SHLD080-100-SKT-C</b> Head Height (B): 5.50, Head Diameter (F): 13.00, Allen Key Size: 4.00
<b>9.520 mm Shoulder Diameter</b>					
9.520 (0.37") -0.006 / - 0.024	6.900 (0.27")	1/4-20 UNC	15.45	303 Stainless Steel	<b>SHLD095-007-SLL-S3</b> Head Height (H): 1.59, Head Diameter (D): 14.29, : Slotted Drive
<b>9.525 mm Shoulder Diameter</b>					
9.525 (0.38") -0.051 / -0.102	6.350 (0.25")	1/4-20 UNC	9.53	4140L Heat Treated Steel	<b>SHLD095-006-SKT-J-C</b> Head Height (B): 4.76, Head Diameter (F): 15.88, Hex Key Size: 4.75
9.525 (0.38")	6.350 (0.25")	5/16-18 UNC	14.28	303 Stainless Steel	<b>SHLD095-006-SKT-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76
9.525 (0.38") +0.000 / -0.076	7.920 (0.31")	5/16-18 UNC	12.70	303 Stainless Steel	<b>SHLD095-008-SKT-L-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76
9.525 (0.38") -0.051 / -0.102	7.925 (0.31")	1/4-20 UNC	9.53	4140L Heat Treated Steel	<b>SHLD095-008-SKT-J-C</b> Head Height (B): 4.76, Head Diameter (F): 15.88, Hex Key Size: 4.75



Stocked or Short Delivery



Usually Available Short Delivery



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\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
9.525 (0.38") +0.000 / -0.076	7.930 (0.31")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD095-008-SKT-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
9.525 (0.38") -0.010 / -0.040	7.940 (0.31")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-008-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.013 / -0.038	7.980 (0.31")	1/4-20 UNC	11.13	303 Stainless Steel	<b>SHLD095-008-SKT-P-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	7.980 (0.31")	5/16-18 UNC	12.70	303 Stainless Steel	<b>SHLD095-008-SKT-PL-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	8.000 (0.31")	1/4-20 UNC	11.13	303 Stainless Steel	* SHLD095-008-SL-P-S3 Head Height (H): 5.56, Head Diameter (D): 12.70, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	8.000 (0.31")	5/16-18 UNC	12.70	303 Stainless Steel	* SHLD095-008-SL-PL-S3 Head Height (H): 6.35, Head Diameter (D): 14.30, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
9.525 (0.38") +0.000 / -0.076	9.530 (0.38")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD095-010-SKT-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
9.525 (0.38") +0.000 / -0.076	9.530 (0.38")	5/16-18 UNC	12.70	303 Stainless Steel	<b>SHLD095-010-SKT-L-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	9.530 (0.38")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-010-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.013 / -0.038	9.560 (0.38")	1/4-20 UNC	11.13	303 Stainless Steel	<b>SHLD095-010-SKT-P-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	9.560 (0.38")	5/16-18 UNC	12.70	303 Stainless Steel	<b>SHLD095-010-SKT-PL-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	9.600 (0.38")	1/4-20 UNC	11.13	303 Stainless Steel	* SHLD095-010-SL-P-S3 Head Height (H): 5.56, Head Diameter (D): 12.70, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	9.600 (0.38")	5/16-18 UNC	12.70	303 Stainless Steel	* SHLD095-010-SL-PL-S3 Head Height (H): 6.35, Head Diameter (D): 14.30, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	12.700 (0.50")	1/4-20 UNC	11.13	303 Stainless Steel	* SHLD095-013-SL-P-S3 Head Height (H): 5.56, Head Diameter (D): 12.70, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
9.525 (0.38") +0.000 / -0.076	12.700 (0.50")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD095-013-SKT-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
9.525 (0.38") -0.013 / -0.038	12.700 (0.50")	5/16-18 UNC	12.70	303 Stainless Steel	* SHLD095-013-SL-PL-S3 Head Height (H): 6.35, Head Diameter (D): 14.30, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
9.525 (0.38") +0.000 / -0.076	12.700 (0.50")	5/16-18 UNC	12.70	303 Stainless Steel	<b>SHLD095-013-SKT-L-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	12.700 (0.50")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-013-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.013 / -0.038	12.740 (0.50")	1/4-20 UNC	11.13	303 Stainless Steel	<b>SHLD095-013-SKT-P-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	12.740 (0.50")	5/16-18 UNC	12.70	303 Stainless Steel	<b>SHLD095-013-SKT-PL-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76, Thread Type: Class 3A Thread
9.525 (0.38") +0.000 / -0.076	15.880 (0.63")	1/4-20 UNC	11.11	303 Stainless Steel	<b>SHLD095-016-SKT-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97
9.525 (0.38") +0.000 / -0.076	15.880 (0.63")	5/16-18 UNC	12.70	303 Stainless Steel	<b>SHLD095-016-SKT-L-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	15.880 (0.63")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-016-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.013 / -0.038	15.900 (0.63")	1/4-20 UNC	11.13	303 Stainless Steel	* SHLD095-016-SL-P-S3 Head Height (H): 5.56, Head Diameter (D): 12.70, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	15.900 (0.63")	5/16-18 UNC	12.70	303 Stainless Steel	* SHLD095-016-SL-PL-S3 Head Height (H): 6.35, Head Diameter (D): 14.30, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	15.910 (0.63")	1/4-20 UNC	11.13	303 Stainless Steel	<b>SHLD095-016-SKT-P-S3</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 3.97, Thread Type: Class 3A Thread
9.525 (0.38") -0.013 / -0.038	15.910 (0.63")	5/16-18 UNC	12.70	303 Stainless Steel	<b>SHLD095-016-SKT-PL-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76, Thread Type: Class 3A Thread
9.525 (0.38")	19.050 (0.75")	5/16-18 UNC	14.28	303 Stainless Steel	<b>SHLD095-019-SKT-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	19.050 (0.75")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-019-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38")	25.400 (1.00")	5/16-18 UNC	14.28	303 Stainless Steel	<b>SHLD095-025-SKT-S3</b> Head Height (B): 6.35, Head Diameter (F): 14.29, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	25.400 (1.00")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-025-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76

Stocked or Short Delivery    
 Usually Available Short Delivery    
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\* Large Minimum Quantities

\*\* Available only while stock lasts


Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
9.525 (0.38") -0.010 / -0.040	31.750 (1.25")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-032-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	38.100 (1.50")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-038-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	44.450 (1.75")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-044-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	50.800 (2.00")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-051-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	57.150 (2.25")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-057-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	63.500 (2.50")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-064-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	69.850 (2.75")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-070-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	76.200 (3.00")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-076-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	82.550 (3.25")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-083-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	88.900 (3.50")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-089-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	101.600 (4.00")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-102-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	114.300 (4.50")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-114-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76
9.525 (0.38") -0.010 / -0.040	127.000 (5.00")	5/16 UNC	11.11	Hardened Carbon Steel	<b>SHLD095-127-SKT-C</b> Head Height (B): 5.56, Head Diameter (F): 12.70, Allen Key Size: 4.76

#### 10.000 mm Shoulder Diameter

10.000 (0.39")	4.000 (0.16")	M8x1.25	10.00	Carbon Steel	* SHLD100-004-SLL-C Head Height (H): 3.80, Head Diameter (D): 16.00, : Slotted Drive
10.000 (0.39")	5.000 (0.20")	M8x1.25	10.00	Carbon Steel	* SHLD100-005-SLL-C Head Height (H): 3.80, Head Diameter (D): 16.00, : Slotted Drive
10.000 (0.39")	6.000 (0.24")	M8x1.25	10.00	Carbon Steel	* SHLD100-006-SLL-C Head Height (H): 3.80, Head Diameter (D): 16.00, : Slotted Drive
10.000 (0.39") -0.013 / -0.049	8.000 (0.31")	M6x1.0	11.00	303 Stainless Steel	* SHLD100-008-SL-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, Drive Type: Slotted Drive
10.000 (0.39") +0.000 / -0.076	8.000 (0.31") +0.05 / +0.2	M6x1.0	11.00	303 Stainless Steel	<b>SHLD100-008-SKT-S3</b> Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00
10.000 (0.39") -0.013 / -0.038	8.000 (0.31") +0.060 / -0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD100-008-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
10.000 (0.39") -0.013 / -0.049	8.000 (0.31")	M8x1.25	12.00	303 Stainless Steel	* SHLD100-008-SL-M8-S3 Head Height (H): 7.00, Head Diameter (D): 14.00, Drive Type: Slotted Drive
10.000 (0.39")	8.000 (0.31")	M8x1.25	10.00	Carbon Steel	* SHLD100-008-SLL-C Head Height (H): 3.80, Head Diameter (D): 16.00, : Slotted Drive
10.000 (0.39") +0.000 / -0.076	8.000 (0.31") +0.05 / +0.2	M8x1.25	12.00	303 Stainless Steel	<b>SHLD100-008-SKT-M8-S3</b> Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00
10.000 (0.39") -0.013 / -0.038	10.000 (0.39") +0.013 / +0.063	M6x1.0	11.00	303 Stainless Steel	* SHLD100-010-PH-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, : Phillips Drive, Phillips Size: 3
10.000 (0.39") +0.000 / -0.076	10.000 (0.39") +0.05 / +0.2	M6x1.0	11.00	303 Stainless Steel	<b>SHLD100-010-SKT-S3</b> Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00
10.000 (0.39") -0.013 / -0.038	10.000 (0.39") +0.060 / -0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD100-010-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
10.000 (0.39") -0.013 / -0.049	10.000 (0.39")	M8x1.25	12.00	303 Stainless Steel	* SHLD100-010-SL-S3 Head Height (H): 7.00, Head Diameter (D): 14.00, Drive Type: Slotted Drive
10.000 (0.39")	10.000 (0.39")	M8x1.25	10.00	Carbon Steel	* SHLD100-010-SLL-C Head Height (H): 3.80, Head Diameter (D): 16.00, : Slotted Drive
10.000 (0.39") +0.000 / -0.076	10.000 (0.39") +0.05 / +0.2	M8x1.25	12.00	303 Stainless Steel	<b>SHLD100-010-SKT-M8-S3</b> Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00
10.000 (0.39") -0.013 / -0.038	10.000 (0.39") +0.060 / -0.000	M8x1.25	12.00	416 Stainless Steel	* SHLD100-010-SKT-M8-S416 Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)

 Stocked or Short Delivery

 Usually Available Short Delivery

 Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
10.000 (0.39") -0.010 / -0.040	10.000 (0.39")	M8x1.25	10.00	Hardened Carbon Steel	<b>SHLD100-010-SKT-C</b> Head Height (B): 5.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") - 0.013 / -0.049	12.000 (0.47")	M6x1.0	11.00	303 Stainless Steel	* SHLD100-012-SL-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, Drive Type: Slotted Drive
10.000 (0.39") +0.000 / -0.076	12.000 (0.47") +0.05 / +0.2	M6x1.0	11.00	303 Stainless Steel	<b>SHLD100-012-SKT-S3</b> Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00
10.000 (0.39") -0.013 / -0.038	12.000 (0.47") +0.060 / - 0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD100-012-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
10.000 (0.39") -0.013 / -0.038	12.000 (0.47") +0.013 / +0.063	M8x1.25	12.00	303 Stainless Steel	* SHLD100-012-PH-S3 Head Height (H): 7.00, Head Diameter (D): 14.00, : Phillips Drive, Philips Size: 3
10.000 (0.39") - 0.013 / -0.049	12.000 (0.47")	M8x1.25	12.00	303 Stainless Steel	* SHLD100-012-SL-M8-S3 Head Height (H): 7.00, Head Diameter (D): 14.00, Drive Type: Slotted Drive
10.000 (0.39")	12.000 (0.47")	M8x1.25	10.00	Carbon Steel	* SHLD100-012-SLL-C Head Height (H): 3.80, Head Diameter (D): 16.00, : Slotted Drive
10.000 (0.39") +0.000 / -0.076	12.000 (0.47") +0.05 / +0.2	M8x1.25	12.00	303 Stainless Steel	<b>SHLD100-012-SKT-M8-S3</b> Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00
10.000 (0.39") -0.013 / -0.038	12.000 (0.47") +0.060 / - 0.000	M8x1.25	12.00	416 Stainless Steel	* SHLD100-012-SKT-M8-S416 Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
10.000 (0.39") -0.010 / -0.040	12.000 (0.47")	M8x1.25	10.00	Hardened Carbon Steel	<b>SHLD100-012-SKT-C</b> Head Height (B): 5.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") -0.013 / -0.038	15.000 (0.59") +0.013 / +0.063	M8x1.25	12.00	303 Stainless Steel	* SHLD100-015-PH-S3 Head Height (H): 7.00, Head Diameter (D): 14.00, : Phillips Drive, Philips Size: 3
10.000 (0.39") - 0.013 / -0.049	16.000 (0.63")	M6x1.0	11.00	303 Stainless Steel	* SHLD100-016-SL-S3 Head Height (H): 6.00, Head Diameter (D): 12.00, Drive Type: Slotted Drive
10.000 (0.39") +0.000 / -0.076	16.000 (0.63") +0.05 / +0.2	M6x1.0	11.00	303 Stainless Steel	<b>SHLD100-016-SKT-S3</b> Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00
10.000 (0.39") -0.013 / -0.038	16.000 (0.63") +0.060 / - 0.000	M6x1.0	11.00	416 Stainless Steel	* SHLD100-016-SKT-S416 Head Height (B): 6.00, Head Diameter (F): 12.00, Allen Key Size: 4.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
10.000 (0.39") - 0.013 / -0.049	16.000 (0.63")	M8x1.25	12.00	303 Stainless Steel	* SHLD100-016-SL-M8-S3 Head Height (H): 7.00, Head Diameter (D): 14.00, Drive Type: Slotted Drive
10.000 (0.39")	16.000 (0.63")	M8x1.25	10.00	Carbon Steel	* SHLD100-016-SLL-C Head Height (H): 3.80, Head Diameter (D): 16.00, : Slotted Drive
10.000 (0.39") +0.000 / -0.076	16.000 (0.63")	M8x1.25	12.00	303 Stainless Steel	<b>SHLD100-016-SKT-M8-S3</b> Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00
10.000 (0.39") -0.013 / -0.038	16.000 (0.63") +0.060 / - 0.000	M8x1.25	12.00	416 Stainless Steel	* SHLD100-016-SKT-M8-S416 Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
10.000 (0.39") -0.010 / -0.040	16.000 (0.63")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-016-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39")	20.000 (0.79")	M8x1.25	10.00	Carbon Steel	* SHLD100-020-SLL-C Head Height (H): 3.80, Head Diameter (D): 16.00, : Slotted Drive
10.000 (0.39")	20.000 (0.79")	M8x1.25	12.00	303 Stainless Steel	<b>SHLD100-020-SKT-S3</b> Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00, Thread Type: -
10.000 (0.39") -0.013 / -0.038	20.000 (0.79") +0.060 / - 0.000	M8x1.25	12.00	416 Stainless Steel	* SHLD100-020-SKT-S416 Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
10.000 (0.39") -0.010 / -0.040	20.000 (0.79")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-020-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39")	25.000 (0.98")	M8x1.25	10.00	Carbon Steel	* SHLD100-025-SLL-C Head Height (H): 3.80, Head Diameter (D): 16.00, : Slotted Drive
10.000 (0.39")	25.000 (0.98")	M8x1.25	12.00	303 Stainless Steel	<b>SHLD100-025-SKT-S3</b> Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00, Thread Type: -
10.000 (0.39") -0.013 / -0.038	25.000 (0.98") +0.060 / - 0.000	M8x1.25	12.00	416 Stainless Steel	* SHLD100-025-SKT-S416 Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
10.000 (0.39") -0.010 / -0.040	25.000 (0.98")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-025-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") -0.008/-0.038	30.000 (1.18") +0.013/+0.063	M8x1.25	12.00	303 Stainless Steel	<b>SHLD100-030-SKT-S3</b> Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00, Thread Type: -

Stocked or Short Delivery

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Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
10.000 (0.39") -0.013 / -0.038	30.000 (1.18") +0.060 / - 0.000	M8x1.25	12.00	416 Stainless Steel	* SHLD100-030-SKT-S416 Head Height (B): 7.00, Head Diameter (F): 14.00, Allen Key Size: 5.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
10.000 (0.39") -0.010 / -0.040	30.000 (1.18")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-030-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") -0.010 / -0.040	40.000 (1.57")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-040-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") -0.010 / -0.040	50.000 (1.97")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-050-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") -0.010 / -0.040	60.000 (2.36")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-060-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") -0.010 / -0.040	70.000 (2.76")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-070-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") -0.010 / -0.040	80.000 (3.15")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-080-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") -0.010 / -0.040	90.000 (3.54")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-090-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") -0.010 / -0.040	100.000 (3.94")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-100-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00, Other Info: Black Oxide
10.000 (0.39") -0.010 / -0.040	110.000 (4.33")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-110-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
10.000 (0.39") -0.010 / -0.040	120.000 (4.72")	M8x1.25	13.00	Hardened Carbon Steel	<b>SHLD100-120-SKT-C</b> Head Height (B): 7.00, Head Diameter (F): 16.00, Allen Key Size: 5.00
<b>12.000 mm Shoulder Diameter</b>					
12.000 (0.47") - 0.016 / -0.059	12.000 (0.47")	M10x1.5	16.00	303 Stainless Steel	* SHLD120-012-SL-S3 Head Height (H): 8.00, Head Diameter (D): 20.00, Drive Type: Slotted Drive
12.000 (0.47") +0.000 / -0.076	12.000 (0.47") +0.05 / +0.2	M10x1.5	16.00	303 Stainless Steel	<b>SHLD120-012-SKT-S3</b> Head Height (B): 8.00, Head Diameter (F): 20.00, Allen Key Size: 6.00
12.000 (0.47") -0.013 / -0.038	12.000 (0.47") +0.060 / - 0.000	M10x1.5	16.00	416 Stainless Steel	* SHLD120-012-SKT-S416 Head Height (B): 8.00, Head Diameter (F): 20.00, Allen Key Size: 6.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
12.000 (0.47") -0.010 / -0.040	12.000 (0.47")	M10x1.5	12.00	Hardened Carbon Steel	<b>SHLD120-012-SKT-C</b> Head Height (B): 6.00, Head Diameter (F): 20.00, Allen Key Size: 6.00
12.000 (0.47") - 0.016 / -0.059	16.000 (0.63")	M10x1.5	16.00	303 Stainless Steel	* SHLD120-016-SL-S3 Head Height (H): 8.00, Head Diameter (D): 20.00, Drive Type: Slotted Drive
12.000 (0.47") +0.000 / -0.076	16.000 (0.63") +0.05 / +0.2	M10x1.5	16.00	303 Stainless Steel	<b>SHLD120-016-SKT-S3</b> Head Height (B): 8.00, Head Diameter (F): 20.00, Allen Key Size: 6.00
12.000 (0.47") -0.013 / -0.038	16.000 (0.63") +0.060 / - 0.000	M10x1.5	16.00	416 Stainless Steel	* SHLD120-016-SKT-S416 Head Height (B): 8.00, Head Diameter (F): 20.00, Allen Key Size: 6.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
12.000 (0.47") -0.010 / -0.040	16.000 (0.63")	M10x1.5	12.00	Hardened Carbon Steel	<b>SHLD120-016-SKT-C</b> Head Height (B): 6.00, Head Diameter (F): 20.00, Allen Key Size: 6.00
12.000 (0.47") -0.013 / -0.038	20.000 (0.79") +0.013 / +0.063	M10x1.5	16.00	303 Stainless Steel	* SHLD120-020-PH-S3 Head Height (H): 8.00, Head Diameter (D): 20.00, : Phillips Drive, Phillips Size: 3
12.000 (0.47") - 0.016 / -0.059	20.000 (0.79")	M10x1.5	16.00	303 Stainless Steel	* SHLD120-020-SL-S3 Head Height (H): 8.00, Head Diameter (D): 20.00, Drive Type: Slotted Drive
12.000 (0.47") +0.000 / -0.076	20.000 (0.79") +0.05 / +0.2	M10x1.5	16.00	303 Stainless Steel	<b>SHLD120-020-SKT-S3</b> Head Height (B): 8.00, Head Diameter (F): 20.00, Allen Key Size: 6.00
12.000 (0.47") -0.013 / -0.038	20.000 (0.79") +0.060 / - 0.000	M10x1.5	16.00	416 Stainless Steel	* SHLD120-020-SKT-S416 Head Height (B): 8.00, Head Diameter (F): 20.00, Allen Key Size: 6.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
12.000 (0.47") -0.010 / -0.040	20.000 (0.79")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-020-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.013 / -0.038	25.000 (0.98") +0.013 / +0.063	M10x1.5	16.00	303 Stainless Steel	* SHLD120-025-PH-S3 Head Height (H): 8.00, Head Diameter (D): 20.00, : Phillips Drive, Phillips Size: 3
12.000 (0.47") - 0.016 / -0.059	25.000 (0.98")	M10x1.5	16.00	303 Stainless Steel	* SHLD120-025-SL-S3 Head Height (H): 8.00, Head Diameter (D): 20.00, Drive Type: Slotted Drive
12.000 (0.47") +0.000 / -0.076	25.000 (0.98") +0.05 / +0.2	M10x1.5	16.00	303 Stainless Steel	<b>SHLD120-025-SKT-S3</b> Head Height (B): 8.00, Head Diameter (F): 20.00, Allen Key Size: 6.00
12.000 (0.47") -0.013 / -0.038	25.000 (0.98") +0.060 / - 0.000	M10x1.5	16.00	416 Stainless Steel	* SHLD120-025-SKT-S416 Head Height (B): 8.00, Head Diameter (F): 20.00, Allen Key Size: 6.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
12.000 (0.47") -0.010 / -0.040	25.000 (0.98")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-025-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47")	30.000 (1.18")	M10x1.5	16.00	303 Stainless Steel	<b>SHLD120-030-SKT-S3</b> Head Height (B): 8.00, Head Diameter (F): 20.00, Allen Key Size: 6.00, Thread Type: -
12.000 (0.47") -0.013 / -0.038	30.000 (1.18") +0.060 / - 0.000	M10x1.5	16.00	416 Stainless Steel	* <b>SHLD120-030-SKT-S416</b> Head Height (B): 8.00, Head Diameter (F): 20.00, Allen Key Size: 6.00, Thread Type: -, : 26-32 HRC (Tensile Strength: 850-1000 N/mm2)
12.000 (0.47") -0.010 / -0.040	30.000 (1.18")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-030-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	40.000 (1.57")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-040-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	50.000 (1.97")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-050-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	60.000 (2.36")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-060-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	70.000 (2.76")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-070-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	80.000 (3.15")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-080-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	90.000 (3.54")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-090-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	100.000 (3.94")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-100-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	110.000 (4.33")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-110-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	120.000 (4.72")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-120-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	130.000 (5.12")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-130-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	140.000 (5.51")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-140-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00
12.000 (0.47") -0.010 / -0.040	150.000 (5.91")	M10x1.5	16.00	Hardened Carbon Steel	<b>SHLD120-150-SKT-C</b> Head Height (B): 8.00, Head Diameter (F): 18.00, Allen Key Size: 6.00

### 12.700 mm Shoulder Diameter

12.700 (0.50")	6.350 (0.25")	3/8-16 UNC	15.88	Hardened Alloy Steel	<b>SHLD127-006-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.051 / -0.102	9.525 (0.38")	5/16-18 UNC	12.70	4140L Heat Treated Steel	<b>SHLD127-010-SKT-J-C</b> Head Height (B): 6.35, Head Diameter (F): 19.05, Hex Key Size: 6.35
12.700 (0.50")	9.525 (0.38")	3/8-16 UNC	15.88	303 Stainless Steel	<b>SHLD127-010-SKT-S3</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	9.530 (0.38")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-010-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.051 / -0.102	12.700 (0.50")	3/8-16 UNC	15.88	4140L Heat Treated Steel	<b>SHLD127-013-SKT-J-C</b> Head Height (B): 6.35, Head Diameter (F): 19.05, Hex Key Size: 6.35
12.700 (0.50") -0.013 / -0.038	12.700 (0.50")	3/8-16 UNC	15.88	303 Stainless Steel	* <b>SHLD127-013-SL-P-S3</b> Head Height (H): 7.95, Head Diameter (D): 19.05, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
12.700 (0.50") +0.000 / -0.076	12.700 (0.50")	3/8-16 UNC	15.88	303 Stainless Steel	<b>SHLD127-013-SKT-S3</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	12.700 (0.50")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-013-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.013 / -0.038	12.740 (0.50")	3/8-16 UNC	15.88	303 Stainless Steel	<b>SHLD127-013-SKT-P-S3</b> Head Height (B): 7.94, Head Diameter (F): 14.29, Allen Key Size: 6.35, Thread Type: Class 3A Thread
12.700 (0.50") -0.051 / -0.102	15.875 (0.63")	3/8-16 UNC	15.88	4140L Heat Treated Steel	<b>SHLD127-016-SKT-J-C</b> Head Height (B): 6.35, Head Diameter (F): 19.05, Hex Key Size: 6.35
12.700 (0.50") +0.000 / -0.076	15.880 (0.63")	3/8-16 UNC	15.88	303 Stainless Steel	<b>SHLD127-016-SKT-S3</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	15.880 (0.63")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-016-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.013 / -0.038	15.900 (0.63")	3/8-16 UNC	15.88	303 Stainless Steel	* <b>SHLD127-016-SL-P-S3</b> Head Height (H): 7.95, Head Diameter (D): 19.05, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
12.700 (0.50") -0.013 / -0.038	15.910 (0.63")	3/8-16 UNC	15.88	303 Stainless Steel	<b>SHLD127-016-SKT-P-S3</b> Head Height (B): 7.94, Head Diameter (F): 14.29, Allen Key Size: 6.35, Thread Type: Class 3A Thread

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
12.700 (0.50") -0.051 / -0.102	19.050 (0.75")	3/8-16 UNC	15.88	4140L Heat Treated Steel	<b>SHLD127-019-SKT-J-C</b> Head Height (B): 6.35, Head Diameter (F): 19.05, Hex Key Size: 6.35
12.700 (0.50") +0.000 / -0.076	19.050 (0.75")	3/8-16 UNC	15.88	303 Stainless Steel	<b>SHLD127-019-SKT-S3</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	19.050 (0.75")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-019-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.013 / -0.038	19.090 (0.75")	3/8-16 UNC	15.88	303 Stainless Steel	<b>SHLD127-019-SKT-P-S3</b> Head Height (B): 7.94, Head Diameter (F): 14.29, Allen Key Size: 6.35, Thread Type: Class 3A Thread
12.700 (0.50") -0.013 / -0.038	19.100 (0.75")	3/8-16 UNC	15.88	303 Stainless Steel	* <b>SHLD127-019-SL-P-S3</b> Head Height (H): 7.95, Head Diameter (D): 19.05, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
12.700 (0.50") -0.010 / -0.040	22.230 (0.88")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-022-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.013 / -0.038	25.400 (1.00")	3/8-16 UNC	15.88	303 Stainless Steel	* <b>SHLD127-025-SL-P-S3</b> Head Height (H): 7.95, Head Diameter (D): 19.05, Drive Type: Slotted Drive, Thread Type: Class 3A Thread
12.700 (0.50") +0.000 / -0.076	25.400 (1.00")	3/8-16 UNC	15.88	303 Stainless Steel	<b>SHLD127-025-SKT-S3</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	25.400 (1.00")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-025-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.013 / -0.038	25.440 (1.00")	3/8-16 UNC	15.88	303 Stainless Steel	<b>SHLD127-025-SKT-P-S3</b> Head Height (B): 7.94, Head Diameter (F): 14.29, Allen Key Size: 6.35, Thread Type: Class 3A Thread
12.700 (0.50") -0.010 / -0.040	31.750 (1.25")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-032-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	38.100 (1.50")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-038-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	44.450 (1.75")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-044-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	50.800 (2.00")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-051-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	57.150 (2.25")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-057-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	63.500 (2.50")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-064-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	69.850 (2.75")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-070-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	76.200 (3.00")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-076-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	82.550 (3.25")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-083-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	88.900 (3.50")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-089-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50")	95.250 (3.75")	3/8-16 UNC	15.88	Hardened Alloy Steel	<b>SHLD127-095-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	101.600 (4.00")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-102-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50")	107.950 (4.25")	3/8-16 UNC	15.88	Hardened Alloy Steel	<b>SHLD127-108-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	114.300 (4.50")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-114-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50")	120.650 (4.75")	3/8-16 UNC	15.88	Hardened Alloy Steel	<b>SHLD127-121-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	127.000 (5.00")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-127-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
12.700 (0.50") -0.010 / -0.040	152.400 (6.00")	3/8-16 UNC	15.88	Hardened Carbon Steel	<b>SHLD127-152-SKT-C</b> Head Height (B): 7.94, Head Diameter (F): 19.05, Allen Key Size: 6.35
<b>15.875 mm Shoulder Diameter</b>					
15.875 (0.63")	12.700 (0.50")	1/2-13 UNC	19.05	303 Stainless Steel	<b>SHLD159-013-SKT-S3</b> Head Height (B): 9.53, Head Diameter (F): 22.22, Allen Key Size: 7.94
15.875 (0.63")	15.875 (0.63")	1/2-13 UNC	19.05	303 Stainless Steel	<b>SHLD159-016-SKT-S3</b> Head Height (B): 9.53, Head Diameter (F): 22.22, Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	15.880 (0.63")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-016-SKT-C</b> Allen Key Size: 7.94

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts

Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
15.875 (0.63")	19.050 (0.75")	1/2-13 UNC	19.05	303 Stainless Steel	<b>SHLD159-019-SKT-S3</b> Head Height (B): 9.53, Head Diameter (F): 22.22, Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	19.050 (0.75")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-019-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63")	25.400 (1.00")	1/2-13 UNC	19.05	4140L Heat Treated Steel	<b>SHLD159-025-SKT-J-C</b> Head Height (B): 9.53, Head Diameter (F): 22.23, Hex Key Size: 7.93
15.875 (0.63") -0.051 / -0.102	25.400 (1.00")	1/2-13 UNC	19.05	303 Stainless Steel	<b>SHLD159-025-SKT-S3</b> Head Height (B): 9.53, Head Diameter (F): 22.22, Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	25.400 (1.00")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-025-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	31.750 (1.25")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-032-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	38.100 (1.50")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-038-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	44.450 (1.75")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-044-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	50.800 (2.00")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-051-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	57.150 (2.25")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-057-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	63.500 (2.50")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-064-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	69.850 (2.75")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-070-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	76.200 (3.00")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-076-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	82.550 (3.25")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-083-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	88.900 (3.50")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-089-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	95.250 (3.75")	1/2-13 UNC	19.05	Hardened Alloy Steel	<b>SHLD159-095-SKT-C</b> Head Height (B): 9.53, Head Diameter (F): 22.22, Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	101.600 (4.00")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-102-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	107.950 (4.25")	1/2-13 UNC	19.05	Hardened Alloy Steel	<b>SHLD159-108-SKT-C</b> Head Height (B): 9.53, Head Diameter (F): 22.22, Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	114.300 (4.50")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-114-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	120.650 (4.75")	1/2-13 UNC	19.05	Hardened Alloy Steel	<b>SHLD159-121-SKT-C</b> Head Height (B): 9.53, Head Diameter (F): 22.22, Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	127.000 (5.00")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-127-SKT-C</b> Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	139.700 (5.50")	1/2-13 UNC	19.05	Hardened Alloy Steel	<b>SHLD159-140-SKT-C</b> Head Height (B): 9.53, Head Diameter (F): 22.22, Allen Key Size: 7.94
15.875 (0.63") -0.010 / -0.040	152.400 (6.00")	1/2-13 UNC		Hardened Carbon Steel	<b>SHLD159-152-SKT-C</b> Allen Key Size: 7.94

### 16.000 mm Shoulder Diameter

16.000 (0.63") -0.010 / -0.040	20.000 (0.79")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-020-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	25.000 (0.98")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-025-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	30.000 (1.18")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-030-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	35.000 (1.38")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-035-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	40.000 (1.57")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-040-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	45.000 (1.77")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-045-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	50.000 (1.97")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-050-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00

Stocked or Short Delivery

Usually Available Short Delivery

Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
16.000 (0.63") -0.010 / -0.040	60.000 (2.36")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-060-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	70.000 (2.76")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-070-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	80.000 (3.15")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-080-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	90.000 (3.54")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-090-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	100.000 (3.94")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-100-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	110.000 (4.33")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-110-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	120.000 (4.72")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-120-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
16.000 (0.63") -0.010 / -0.040	150.000 (5.91")	M12x1.75	18.40	Hardened Carbon Steel	<b>SHLD160-150-SKT-C</b> Head Height (B): 10.00, Head Diameter (F): 24.33, Allen Key Size: 8.00
<b>19.050 mm Shoulder Diameter</b>					
19.050 (0.75") -0.010 / -0.040	19.050 (0.75")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-019-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	25.400 (1.00")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-025-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	31.750 (1.25")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-032-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	38.100 (1.50")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-038-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	44.450 (1.75")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-044-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	50.800 (2.00")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-051-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	57.150 (2.25")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-057-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	63.500 (2.50")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-064-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	69.850 (2.75")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-070-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	76.200 (3.00")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-076-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	82.550 (3.25")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-083-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	88.900 (3.50")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-089-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	101.600 (4.00")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-102-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75")	107.950 (4.25")	5/8-11 UNC	22.22	Hardened Alloy Steel	SHLD191-108-SKT-C Head Height (B): 12.70, Head Diameter (F): 25.40, Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	114.300 (4.50")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-114-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75")	120.650 (4.75")	5/8-11 UNC	22.22	Hardened Alloy Steel	SHLD191-121-SKT-C Head Height (B): 12.70, Head Diameter (F): 25.40, Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	127.000 (5.00")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-127-SKT-C</b> Allen Key Size: 9.53
19.050 (0.75")	139.700 (5.50")	5/8-11 UNC	22.22	Hardened Alloy Steel	SHLD191-140-SKT-C Head Height (B): 12.70, Head Diameter (F): 25.40, Allen Key Size: 9.53
19.050 (0.75") -0.010 / -0.040	152.400 (6.00")	5/8 UNC		Hardened Carbon Steel	<b>SHLD191-152-SKT-C</b> Allen Key Size: 9.53
<b>20.000 mm Shoulder Diameter</b>					
20.000 (0.79") -0.010 / -0.040	40.000 (1.57")	M16		Hardened Carbon Steel	<b>SHLD200-040-SKT-C</b> Allen Key Size: 10.00
20.000 (0.79") -0.010 / -0.040	50.000 (1.97")	M16		Hardened Carbon Steel	<b>SHLD200-050-SKT-C</b> Allen Key Size: 10.00



Stocked or Short Delivery



Usually Available Short Delivery



Long delivery or not in current production

\* Large Minimum Quantities

\*\* Available only while stock lasts



Shoulder Dia. (E) mm (in.)	Shoulder Length (A) mm (in.)	Thread Size (D)	Max. Thread Length (C) mm (in.)	Material	Part Number
20.000 (0.79") -0.010 / -0.040	60.000 (2.36")	M16		Hardened Carbon Steel	<b>SHLD200-060-SKT-C</b> Allen Key Size: 10.00
20.000 (0.79") -0.010 / -0.040	70.000 (2.76")	M16		Hardened Carbon Steel	<b>SHLD200-070-SKT-C</b> Allen Key Size: 10.00
20.000 (0.79") -0.010 / -0.040	80.000 (3.15")	M16		Hardened Carbon Steel	<b>SHLD200-080-SKT-C</b> Allen Key Size: 10.00
20.000 (0.79") -0.010 / -0.040	90.000 (3.54")	M16		Hardened Carbon Steel	<b>SHLD200-090-SKT-C</b> Allen Key Size: 10.00
20.000 (0.79") -0.010 / -0.040	100.000 (3.94")	M16		Hardened Carbon Steel	<b>SHLD200-100-SKT-C</b> Allen Key Size: 10.00
20.000 (0.79") -0.010 / -0.040	120.000 (4.72")	M16		Hardened Carbon Steel	<b>SHLD200-120-SKT-C</b> Allen Key Size: 10.00
20.000 (0.79") -0.010 / -0.040	150.000 (5.91")	M16		Hardened Carbon Steel	<b>SHLD200-150-SKT-C</b> Allen Key Size: 10.00
<b>24.000 mm Shoulder Diameter</b>					
24.000 (0.94") -0.010 / -0.040	50.000 (1.97")	M20		Hardened Carbon Steel	<b>SHLD240-050-SKT-C</b> Allen Key Size: 12.00
24.000 (0.94") -0.010 / -0.040	60.000 (2.36")	M20		Hardened Carbon Steel	<b>SHLD240-060-SKT-C</b> Allen Key Size: 12.00
24.000 (0.94") -0.010 / -0.040	70.000 (2.76")	M20		Hardened Carbon Steel	<b>SHLD240-070-SKT-C</b> Allen Key Size: 12.00
24.000 (0.94") -0.010 / -0.040	80.000 (3.15")	M20		Hardened Carbon Steel	<b>SHLD240-080-SKT-C</b> Allen Key Size: 12.00
24.000 (0.94") -0.010 / -0.040	90.000 (3.54")	M20		Hardened Carbon Steel	<b>SHLD240-090-SKT-C</b> Allen Key Size: 12.00
24.000 (0.94") -0.010 / -0.040	100.000 (3.94")	M20		Hardened Carbon Steel	<b>SHLD240-100-SKT-C</b> Allen Key Size: 12.00
24.000 (0.94") -0.010 / -0.040	120.000 (4.72")	M20		Hardened Carbon Steel	<b>SHLD240-120-SKT-C</b> Allen Key Size: 12.00
<b>25.400 mm Shoulder Diameter</b>					
25.400 (1.00") -0.010 / -0.040	31.750 (1.25")	3/4 UNC		Hardened Carbon Steel	<b>SHLD254-032-SKT-C</b> #Error
25.400 (1.00") -0.010 / -0.040	38.100 (1.50")	3/4 UNC		Hardened Carbon Steel	<b>SHLD254-038-SKT-C</b> #Error
25.400 (1.00") -0.010 / -0.040	50.800 (2.00")	3/4 UNC		Hardened Carbon Steel	<b>SHLD254-051-SKT-C</b> #Error
25.400 (1.00") -0.010 / -0.040	63.500 (2.50")	3/4 UNC		Hardened Carbon Steel	<b>SHLD254-064-SKT-C</b> #Error
25.400 (1.00") -0.010 / -0.040	76.200 (3.00")	3/4 UNC		Hardened Carbon Steel	<b>SHLD254-076-SKT-C</b> #Error
25.400 (1.00") -0.010 / -0.040	101.600 (4.00")	3/4 UNC		Hardened Carbon Steel	<b>SHLD254-102-SKT-C</b> #Error
25.400 (1.00") -0.010 / -0.040	127.000 (5.00")	3/4 UNC		Hardened Carbon Steel	<b>SHLD254-127-SKT-C</b> #Error
25.400 (1.00") -0.010 / -0.040	152.400 (6.00")	3/4 UNC		Hardened Carbon Steel	<b>SHLD254-152-SKT-C</b> #Error

# NOTES



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# Shoulder Screws