

Socket Head Bits

APEX®

1/4" Hex Insert Bits

Part Number	Hex Size	Overall Length	
		In.	mm
185-000X•	.050	1	25
185-00X•	1/16	1	25
185-0X•	5/64	1	25
185-1X	3/32	1	25
185-9X•	7/64	1	25
185-2X•	1/8	1	25
185-10X•	9/64	1	25
185-3X•	5/32	1 5/16	33
185-4X•	3/16	1 5/16	33
185-4-4X•	3/16	4	102
185-5X•	7/32	1 5/16	33
185-6X•	1/4	1 5/16	33
185-7X•	5/16	1 1/4	32
185-8X•	3/8	1 1/4	32

1/4" Hex Insert Bits – Metric

Part Number	Hex Size	Overall Length	
		In.	mm
185-1.5mm•	1.5mm	1	25
185-2mm•	2mm	1	25
185-2.5mm•	2.5mm	1	25
185-3mm•	3mm	1	25
185-4mm•	4mm	1 5/16	33
185-5mm•	5mm	1 5/16	33
185-6mm•	6mm	1 5/16	33
185-7mm•	7mm	1 1/4	32
185-8mm•	8mm	1 1/4	32
185-9mm	9mm	1 1/4	32
185-10mm•	10mm	1 1/4	32

5/16" Hex Insert Bits

Part Number	Hex Size	Overall Length	
		In.	mm
315-3X•	5/32	1 5/16	33
315-4X•	3/16	1 5/16	33
315-5X•	7/32	1 5/16	33
315-6X•	1/4	1 5/16	33
315-7X•	5/16	1 5/16	33
315-8X•	3/8	1 5/16	33

5/16" Hex Insert Bits–Metric

Part Number	Hex Size	Overall Length	
		In.	mm
315-2.5mm	2.5mm	1	25
315-4mm•	4mm	1 5/16	33
315-5mm•	5mm	1 5/16	33
315-6mm•	6mm	1 5/16	33
315-7mm•	7mm	1 5/16	33
315-8mm•	8mm	1 5/16	33
315-10mm•	10mm	1 3/8	35
315-12mm	12mm	1 1/4	32
315-14mm	14mm	1 1/4	32

1/4" Hex Power Drive

Part Number	Hex Size	Overall Length	
		In.	mm
AM-01-A•	0.050	1 15/16	49
AM-02•	1/16	1 15/16	49
AM-02-A•	5/64	1 15/16	49
AM-03•	3/32	1 15/16	49
AM-03-3•	3/32	3	76
AM-03-6•	3/32	6	152
AM-03-A•	7/64	1 15/16	49
AM-04•	1/8	1 15/16	49
AM-04-3•	1/8	3	76
AM-04-35	1/8	3 1/2	89
AM-04-4•	1/8	4	102
AM-04-5	1/8	5	127
AM-04-6•	1/8	6	152
AM-04-A•	9/64	1 15/16	49
AM-04-A-4	9/64	4	102
AM-05•	5/32	1 15/16	49
AM-05-3•	5/32	3	76
AM-05-35	5/32	3 1/2	89
AM-05-4•	5/32	4	102
AM-05-5	5/32	5	127
AM-05-6•	5/32	6	152
AM-05-8	5/32	8	203
AM-06•	3/16	1 15/16	49
AM-06-3•	3/16	3	76
AM-06-4•	3/16	4	102
AM-06-6•	3/16	6	152
AM-07•	7/32	1 15/16	49
AM-08•	1/4	1 15/16	49
AM-10•	5/16	1 15/16	49

1/4" Hex Power Drive – Metric

Part Number	Hex Size	Overall Length	
		In.	mm
AM-1.5mm•	1.5mm	1 15/16	49
AM-2mm•	2mm	1 15/16	49
AM-2.5mm•	2.5mm	1 15/16	49
AM-3mm•	3mm	1 15/16	49
AM-3mm-3•	3mm	3	76
AM-3mm-4•	3mm	4	102
AM-4mm•	4mm	1 15/16	49
AM-5mm•	5mm	1 15/16	49
AM-5mm-4•	5mm	4	102
AM-6mm•	6mm	1 15/16	49
AM-6mm-4•	6mm	4	102
AM-7mm•	7mm	1 15/16	49
AM-8mm•	8mm	1 15/16	49
AM-10mm•	10mm	1 15/16	49

5/16" Hex Power Drive

Part Number	Hex Size	Overall Length	
		In.	mm
AS-06	3/16	3	76
AS-10	5/16	3	76
AS-12	3/8	3	76

• Indicates a commonly requested item that is either in stock or has a max typical leadtime of 4 weeks from the factory. No minimum on these items.

Socket Head Bits

7/16" Hex Power Drive



Part Number	Hex Size	Overall Length	
		In.	mm
AN-04•	1/8	3 1/2	89
AN-04-A	9/64	3 1/2	89
AN-05•	5/32	3 1/2	89
AN-05-6	5/32	6	152
AN-06•	3/16	3 1/2	89
AN-06-6	3/16	6	152
AN-07•	7/32	3 1/2	89
AN-07-8	7/32	8	203
AN-08•	1/4	3 1/2	89
AN-08-8•	1/4	8	203
AN-09	9/32	3 1/2	89
AN-10•	5/16	3 1/2	89
AN-10-6•	5/16	6	152
AN-12•	3/8	3 1/2	89
AN-12-6•	3/8	6	152
AN-16•	1/2	3 1/2	89
AN-16-6	1/2	6	152

7/16" Hex Power Drive—Metric



Part Number	Size	Hex	Overall Length	
			In.	mm
AN-3mm	3mm		3 1/2	89
AN-4mm•	4mm		3 1/2	89
AN-5mm•	5mm		3 1/2	89
AN-6mm•	6mm		3 1/2	89
AN-8mm•	8mm		3 1/2	89
AN-10mm•	10mm		3 1/2	89
AN-12mm•	12mm		3 1/2	89
AN-14mm•	14mm		3 1/2	89
AN-14mm-6	14mm		6	152

5/8" Hex Power Drive



Part Number	Hex Size	Overall Length	
		In.	mm
AP-08	1/4	4	102
AP-10	5/16	4	102
AP-12	3/8	4	102
AP-16•	1/2	4	102
AP-18	9/16	4	102
AP-20	5/8	4	102
AP-24	3/4	4	102

• Indicates a commonly requested item that is either in stock or has a max typical leadtime of 4 weeks from the factory. No minimum on these items.

Socket Head Bits with Square Drive Adapters, SAE

3/8" Square Drive



Part Number			Hex Size	Overall Length		Length of Insert	
Complete	Adapter Only	Insert Only		In.	mm	In.	mm
SZ-9	SC-314•	SZ-9-A•	3/32	2 1/4	57	1 3/8	35
SZ-7	SC-314•	SZ-7-A	7/64	2 1/4	57	1 3/8	35
SZ-10•	SC-314•	SZ-10-A•	1/8	2 1/4	57	1 3/8	35
SZ-11•	SC-314•	SZ-11-A•	5/32	2 1/4	57	1 3/8	35
SZ-12	SC-314•	SZ-12-A•	3/16	2 1/4	57	1 3/8	35
SZ-13•	SC-314•	SZ-13-A•	7/32	2 1/4	57	1 3/8	35
SZ-14•	SC-314•	SZ-14-A•	1/4	2 1/4	57	1 3/8	35
SZ-15•	SC-314•	SZ-15-A•	5/16	2 1/4	57	1 3/8	35
SZ-16•	SC-314•	SZ-16-A•	3/8	2 1/4	57	1 3/8	35
SZ-17	SC-314•	SZ-17-A•	1/2	2 1/4	57	1 3/8	35
SZ-18	SC-314•	SZ-18-A•	9/16	2 1/4	57	1 3/8	35
SZ-19	SC-314•	SZ-19-A•	5/8	2 1/4	57	1 3/8	35

1/2" Square Drive



Part Number			Hex Size	Overall Length		Length of Insert	
Complete	Adapter Only	Insert Only		In.	mm	In.	mm
SZ-41	SC-514•	SZ-11-A•	5/32	2 1/2	64	1 3/8	35
SZ-20	SC-514•	SZ-12-A•	3/16	2 1/2	64	1 3/8	35
SZ-21	SC-514•	SZ-13-A•	7/32	2 1/2	64	1 3/8	35
SZ-22•	SC-514•	SZ-14-A•	1/4	2 1/2	64	1 3/8	35
SZ-23•	SC-514•	SZ-15-A•	5/16	2 1/2	64	1 3/8	35
SZ-24•	SC-514•	SZ-16-A•	3/8	2 1/2	64	1 3/8	35
SZ-25•	SC-514•	SZ-17-A•	1/2	2 1/2	64	1 3/8	35
SZ-42•	SC-520•	SZ-31-A•	1/2	2 1/2	64	1 9/16	40
SZ-43•	SC-514•	SZ-18-A•	9/16	2 1/2	64	1 3/8	35
SZ-44	SC-520•	SZ-32-A	9/16	2 1/2	64	1 9/16	40
SZ-26•	SC-514•	SZ-19-A•	5/8	2 1/2	64	1 3/8	35
SZ-27	RP-520•	SZ-33-A	5/8	2 1/2	64	1 9/16	40

Adapters with an "SC" prefix feature a set screw for locking in the bit. An "RP" prefix indicates adapters with a thru hole for a spring pin.

7/16" Hex Insert Bit Only



Part Number	Hex Size	Overall Length	
		In.	mm
SZ-11-A-3	5/32	3	76
SZ-12-A-2•	3/16	2	51
SZ-12-A-3	3/16	3	76
SZ-12-A-6	3/16	6	152
SZ-13-A-3	7/32	3	76
SZ-14-A-3	1/4	3	76
SZ-14-A-4	1/4	4	102
SZ-15-A-2	5/16	2	51
SZ-15-A-3	5/16	3	76
SZ-15-A-4	5/16	4	102
SZ-16-A-3	3/8	3	76
SZ-16-A-4	3/8	4	102

Use 7/16" Hex Insert Bits with 7/16" Female Hex Square drive adapters, page 26. These bits feature a thru hole on the hex flat for use with a spring pin.

Socket Head Bits with Square Drive Adapters, SAE



3/4" Square Drive

Part Number			Hex Size	Overall Length		Length of Insert		Bit Length (A)	
Complete	Adapter Only	Insert Only		In.	mm	In.	mm	In.	mm
SZ-30	SC-720	SZ-30-A	3/8	2 5/8	67	1 9/16	40	29/32	23
SZ-31	SC-720	SZ-31-A	1/2	2 5/8	67	1 9/16	40	29/32	23
SZ-32	SC-720	SZ-32-A	9/16	2 5/8	67	1 9/16	40	29/32	23
SZ-33	RP-720	SZ-33-A	5/8	2 5/8	67	1 9/16	40	29/32	23
SZ-34	RP-720	SZ-34-A	3/4	2 5/8	67	1 9/16	40	29/32	23
SZ-37	RP-728	SZ-37-A	3/4	3 1/8	79	2	51	1 1/8	29
SZ-35	SC-720	SZ-35-A	7/8	2 5/8	67	1 9/16	40	29/32	23
SZ-38	RP-728	SZ-38-A	7/8	3 1/8	79	2	51	1 1/8	29
SZ-36	RP-720	SZ-36-A	1	2 5/8	67	1 9/16	40	29/32	23

1" Square Drive

Part Number			Hex Size	Overall Length		Length of Insert		Bit Length (A)	
Complete	Adapter Only	Insert Only		In.	mm	In.	mm	In.	mm
SZ-80	RP-820	SZ-31-A	1/2	3 1/16	78	1 9/16	40	29/32	23
SZ-85	RP-828	SZ-85-A	5/8	3 1/4	83	2	51	1 1/8	29
SZ-86	RP-820	SZ-34-A	3/4	3 1/32	77	1 9/16	40	29/32	23
SZ-87	RP-828	SZ-37-A	3/4	3 1/4	83	2	51	1 1/8	29
SZ-88	SC-820	SZ-35-A	7/8	3 1/16	78	1 9/16	40	29/32	23
SZ-89	RP-828	SZ-38-A	7/8	3 1/4	83	2	51	1 1/8	29
SZ-91	RP-828	SZ-39-A	1	3 1/4	83	2	51	1 1/8	29
SZ-101	RP-848	SZ-101-A	1 1/4	3 1/2	89	2 5/8	67	1 3/8	35

An "RP" prefix indicates adapters with a roll pin that is inserted through the bit.

Socket Head Bit & Adapter Sets, SAE



- APH38 8 piece, 3/8" square drive:
1/8, 9/64, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8
- APH56 6 piece, 1/2" square drive:
1/4, 5/16, 3/8, 1/2, 9/16, 5/8

Socket Head Bit & Adapter Sets, Metric



- APH35M 5 piece, 3/8" square drive:
4mm, 5mm, 6mm, 8mm, 10mm
- APH56M 6 piece, 1/2" square drive:
6mm, 8mm, 10mm, 12mm, 14mm, 17mm

Socket Head Adapters & Inserts, Metric



3/8" Square Drive

Part Number			Hex Size	Overall Length		Length of Insert		Bit Length (A)	
Complete	Adapter Only	Insert Only		In.	mm	In.	mm	In.	mm
SZ-3-7-4mm	SC-314	SZ-7-4mm	4mm	2 1/4	57	1 3/8	35	7/8	22
SZ-3-7-5mm	SC-314	SZ-7-5mm	5mm	2 1/4	57	1 3/8	35	7/8	22
SZ-3-7-6mm	SC-314	SZ-7-6mm	6mm	2 1/4	57	1 3/8	35	7/8	22
SZ-3-7-8mm	SC-314	SZ-7-8mm	8mm	2 1/4	57	1 3/8	35	7/8	22
SZ-3-7-10mm	SC-314	SZ-7-10mm	10mm	2 1/4	57	1 3/8	35	7/8	22

1/2" Square Drive

Part Number			Hex Size	Overall Length		Length of Insert		Bit Length (A)	
Complete	Adapter Only	Insert Only		In.	mm	In.	mm	In.	mm
SZ-5-7-4mm	SC-514	SZ-7-4mm	4mm	2 1/2	63	1 3/8	35	7/8	22
SZ-5-7-5mm	SC-514	SZ-7-5mm	5mm	2 1/2	63	1 3/8	35	7/8	22
SZ-5-7-6mm	SC-514	SZ-7-6mm	6mm	2 1/2	63	1 3/8	35	7/8	22
SZ-5-7-8mm	SC-514	SZ-7-8mm	8mm	2 1/2	63	1 3/8	35	7/8	22
SZ-5-7-10mm	SC-514	SZ-7-10mm	10mm	2 1/2	63	1 3/8	35	7/8	22
SZ-5-7-12mm	SC-514	SZ-7-12mm	12mm	2 1/2	63	1 3/8	35	7/8	22
SZ-5-7-14mm	SC-514	SZ-7-14mm	14mm	2 1/2	63	1 3/8	35	15/16	24
SZ-5-10-14mm	RP-520	SZ-10-14mm	14mm	2 1/2	63	1 9/16	40	29/32	23
SZ-5-10-17mm	RP-520	SZ-10-17mm	17mm	2 1/2	63	1 9/16	40	29/32	23
SZ-5-10-19mm	RP-520	SZ-10-19mm	19mm	2 1/2	63	1 9/16	40	29/32	23

3/4" Square Drive

Part Number			Hex Size	Overall Length		Length of Insert		Bit Length (A)	
Complete	Adapter Only	Insert Only		In.	mm	In.	mm	In.	mm
SZ-7-10-10mm	RP-720	SZ-10-10mm	10mm	2 1/2	64	1 9/16	40	29/32	23
SZ-7-10-12mm	RP-720	SZ-10-12mm	12mm	2 1/2	64	1 9/16	40	29/32	23
SZ-7-10-14mm	RP-720	SZ-10-14mm	14mm	2 1/2	64	1 9/16	40	29/32	23
SZ-7-10-17mm	RP-720	SZ-10-17mm	17mm	2 1/2	64	1 9/16	40	29/32	23

1" Square Drive

Part Number			Hex Size	Overall Length		Length of Insert		Bit Length (A)	
Complete	Adapter Only	Insert Only		In.	mm	In.	mm	In.	mm
SZ-8-14-17mm	RP-828	SZ-14-17mm	17mm	3 5/16	84	2	51	1 1/8	29
SZ-8-14-19mm	RP-828	SZ-14-19mm	19mm	3 5/16	84	2	51	1 1/8	29
SZ-8-14-22mm	RP-828	SZ-14-22mm	22mm	3 5/16	84	2	51	1 1/8	29
SZ-8-14-24mm	RP-828	SZ-14-24mm	24mm	3 5/16	84	2	51	1 1/8	29
SZ-8-14-27mm	RP-828	SZ-14-27mm	27mm	3 5/16	84	2	51	1 1/8	29

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