



1/2 Inch Drive Sockets & Ratchets

Stahlwille 1/2" Drive Tools	322
PROTO® 1/2" Drive Tools.....	326
Stahlwille 1/2" Drive Sockets	330
PROTO® 1/2" Drive Sockets	334
Stahlwille 1/2" Drive Universal Sockets	339
PROTO® 1/2" Drive Universal Sockets.....	339
Stahlwille 1/2" Drive Bit Sockets	340
PROTO® 1/2" Drive Bit Sockets.....	342
Stahlwille 1/2" Drive Crowfoot Wrenches	343
PROTO® 1/2" Drive Crowfoot Wrenches	344
Stahlwille 1/2" Drive Sets.....	346
PROTO® 1/2" Drive Sets.....	350

Stahlwille 1/2" Drive Tools

STAHLWILLE 1/2" DRIVE REVERSIBLE RATCHET – FINE TOOTH QUICKRELEASE STEEL 512SG-QR N

- 80 teeth
- with steel handle
- for use in confined spaces, re-engages after movement of 4.5°
- construction without screws prevents foreign object damage
- DIN 3122/ISO 3315



Part No.	Drive Size	OAL (L) (mm)	Head Width (b) (mm)	Head Height (a) (mm)	Weight (g)
13111030	1/2"	265.5	41	22.5	654

STAHLWILLE 1/2" DRIVE REVERSIBLE RATCHET 512

- 36 teeth
- with 2-component handle
- DIN 3122/ISO 3315



Part No.	Drive Size	OAL (L) (mm)	Head Width (b) (mm)	Head Height (a) (mm)	Weight (g)
13111010	1/2"	265.5	41	22.5	600

STAHLWILLE 1/2" DRIVE REVERSIBLE RATCHET 512G

- 36 teeth
- with 2-component handle
- DIN 3122/ISO 3315
- encapsulated housing minimises the ingress of dirt



Part No.	Drive Size	OAL (L) (mm)	Head Width (b) (mm)	Head Height (a) (mm)	Weight (g)
13111110	1/2"	265.5	41	22.5	613

STAHLWILLE 1/2" DRIVE REVERSIBLE RATCHET – FINE TOOTH QUICKRELEASE 512QR N

- 80 teeth
- with 2-component handle
- for use in confined spaces, re-engages after movement of 4.5°
- DIN 3122/ISO 3315



Part No.	Drive Size	OAL (L) (mm)	Head Width (b) (mm)	Head Height (a) (mm)	Weight (g)
13111120	1/2"	265.5	41	23	572

STAHLWILLE 1/2" DRIVE REVERSIBLE RATCHET – FINE TOOTH 515

- 60 teeth
- with 2-component handle
- for use in confined spaces, re-engages after movement of 6°
- DIN 3122/ISO 3315



Part No.	Drive Size	OAL (L) (mm)	Head Width (b) (mm)	Head Height (a) (mm)	Weight (g)
13231011	1/2"	265	40	26.2	515

STAHLWILLE 1/2" DRIVE REVERSIBLE RATCHET – FINE TOOTH QUICKRELEASE 517QR

- 80 teeth
- handle may be raised or lowered by approx. 90°, lockable in following positions: straight, 30° up, 60° up, 30° down
- release the lock by pressing the button in the handle
- for use in confined spaces, re-engages after movement of 4.5°
- construction without screws prevents foreign object damage
- with 2-component handle
- DIN 3122/ISO3315



Part No.	Drive Size	OAL (L) (mm)	Head Width (b) (mm)	Head Height (a) (mm)	Weight (g)
13261010	1/2"	416	41	22	920

STAHLWILLE 1/2" DRIVE REVERSIBLE RATCHET – LONG 532

- 36 teeth
- with 2-component handle



Part No.	Drive Size	OAL (L) (mm)	Head Width (b) (mm)	Head Height (a) (mm)	Weight (g)
13121010	1/2"	380	41	22.5	821

STAHLWILLE 1/2" DRIVE REVERSIBLE RATCHET – LONG 532G

- 36 teeth
- with 2-component handle
- encapsulated housing minimises the ingress of dirt



Part No.	Drive Size	OAL (L) (mm)	Head Width (b) (mm)	Head Height (a) (mm)	Weight (g)
13121110	1/2"	380	41	22.5	815

STAHLWILLE 1/2" DRIVE FLEXIBLE HANDLE 504

- DIN 3122/ISO 3315
- with 2-component handle



Part No.	Drive Size	Size	OAL (L) (mm)	Weight (g)
13061015	1/2"	15	397	735
13061018	1/2"	18	469	831
13061024	1/2"	24	610	1051

STAHLWILLE 1/2" DRIVE SPEEDER BRACE 501

- working radius 105mm
- DIN 3122/ISO 3315



Part No.	Drive Size	OAL (L) (mm)	Weight (g)
13100010	1/2"	456	620

STAHLWILLE 1/2" DRIVE SPEEDER BRACE QUICKRELEASE 501QR

- with detachable steel handle
- for greater axial power transmission, detachable palm head
- working radius 105mm
- DIN 3122/ISO 3315



Part No.	Drive Size	OAL (L) (mm)	Weight (g)
13100005	1/2"	456	872

STAHLWILLE 1/2" DRIVE RATCHET ADAPTER 522

- reversible
- 20 teeth



Part No.	Drive Size	OAL (mm)	Dia (mm)	Weight (g)
13140000	1/2"	67.5	40	316

STAHLWILLE 1/2" DRIVE BIT HOLDER 543

- 5/16" inside hexagon with a collar-thrust spring
- DIN 3126/ISO 1173 D 8
- bits are easy to insert, lock securely in position and can be removed just as easily; even hex bits with a wide groove (Type E, DIN 3126/ISO 1173)



Part No.	Drive Size	OAL (mm)	Dia (mm)	Weight (g)
13180010	1/2"	38	22	65

STAHLWILLE 1/2" DRIVE SLIDING T-HANDLE 506

DIN 3122/ISO 3315



Part No.	Drive Size	OAL (mm)	Weight (g)
13070000	1/2"	300	436

STAHLWILLE 1/2" DRIVE SLIDING T-HANDLE QUICKRELEASE 506QR



Part No.	Drive Size	OAL (mm)	Weight (g)
13071000	1/2"	300	470

STAHLWILLE 1/2" DRIVE EXTENSIONS 509

DIN 3123/ISO 3316



Part No	Drive Size	Size	OAL (L) (mm)	Dia (mm)	Weight (g)
13010001	1/2"	2	52	23	88
13010004	1/2"	3	75	23.2	120
13010002	1/2"	5	130	23.2	191
13010003	1/2"	10	255	23.2	341

STAHLWILLE 1/2" DRIVE WOBBLE EXTENSIONS 509W

- swivel angle 15° each side
- maximum torque 200 N-m



Part No	Drive Size	Size	OAL (L) (mm)	Dia (mm)	Weight (g)
13010005	1/2"	2	52	23	80
13010006	1/2"	3	75	23.2	120
13010007	1/2"	5	130	23.2	191
13010008	1/2"	10	255	23.2	341

STAHLWILLE 1/2" DRIVE EXTENSIONS QUICKRELEASE 509QR

DIN 3123/ISO 3316



Part No	Drive Size	Size	OAL (L) (mm)	Dia (mm)	Weight (g)
13011001	1/2"	2	52	23	90
13011004	1/2"	3	75	23	123
13011002	1/2"	5	130	23	187
13011003	1/2"	10	255	23	341

STAHLWILLE 1/2" DRIVE SPECIAL EXTENSION 3505



Part No.	Drive Size	OAL (mm)	Dia (mm)	Weight (g)
13210001	1/2"	120	23.2	186

STAHLWILLE 1/2" DRIVE UNIVERSAL JOINT 510

DIN 3123/ISO 3316



Part No.	Drive Size	OAL (mm)	Dia (mm)	Weight (g)
13020000	1/2"	71	25	146

STAHLWILLE 1/2" DRIVE UNIVERSAL JOINT QUICKRELEASE 510QR

DIN 3123/ISO 3316



Part No.	Drive Size	OAL (mm)	Dia (mm)	Weight (g)
13021000	1/2"	80	25	155

STAHLWILLE 1/2" DRIVE REDUCING ADAPTER 513

- 1/2" socket x 3/8" plug (12.5 x 10)
- maximum torque 202 N-m
- DIN 3123/ISO 3316
- HPQ® high performance steel



Part No.	Drive Size	OAL (mm)	Dia (mm)	Weight (g)
13030002	1/2"	35	22.7	60

STAHLWILLE 1/2" EXTENDING ADAPTER 514

- 1/2" socket x 3/4" plug (12.5 x 20)
- DIN 3123/ISO 3316
- HPQ® high performance steel



Part No.	Drive Size	OAL (mm)	Dia (mm)	Weight (g)
13030005	1/2"	44	25	110

STAHLWILLE 1/2" DRIVE EXTENDING ADAPTER 7789-1

- 1/2" socket x 1" plug (12.5 x 25)
- HPQ® high performance steel



Part No.	Drive Size	OAL (mm)	Dia (mm)	Weight (g)
58522089	1/2"	35	36.5	175

STAHLWILLE 1/2" DRIVE EXTENDING ADAPTER 514M

1/2" socket x 3/4" plug (12.5 x 20)



Part No.	Drive Size	OAL (mm)	Dia (mm)	Weight (g)
13030010	1/2"	22	38	40

STAHLWILLE 1/2" DRIVE RATCHET REPAIR KITS

Part No	Ratchet #	Contents	Weight (g)
5120+7210/15 / 19040000	No 512 / 13111010 No 532 / 13121010	1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws	127
5120G / 19040030	No 512G / 13111110 No 532G / 13121110	1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws	120
5120QR N80 / 19042020	No 512QR N / 13111120 No 512SG-QR N / 13111030 No 517QR / 13261010	1 pinion; 1 locking disc; 1 lever; 1 pin; 1 ball; 1 compression spring; 2 circlips; 1 cover plate	120
5120QR N / 19040040	No 512QR N / 13111120	1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws (design with screws)	140
5120QR / 19040020	No 512 / 13111010 512SG-QR / 13111120	1 pinion; 1 pawl; 1 lever with pin; 1 ball; 2 compression springs; 2 screws	118
7350/20 / 59251020	No 515 / 13231011	1 pinion; 1 pawl; 1 switching disk; 1 spring; 3 screws	140
5040N / 96190801	No 504 / 13061015, 13061018, 13061024	1 universal joint, 1 screw, 1 spring washer (for version with black, manganese-phosphated Torx® screw)	80
5040 / 96190800	No 504 / 13061015, 13061018, 13061024	1 universal joint, 1 screw, 1 spring washer (for version with chrome plated Phillips-head screw)	75

PROTO® 1/2" Drive Tools

PROTO® 1/2" DRIVE PREMIUM PEAR HEAD RATCHETS

ASME B107.500



- Small pear head design for access in tight, hard to reach work areas.
- 45-tooth gear provides balance between 8° articulation angle and high torque carrying capacity.
- Sealed design helps prevent debris from entering the ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one-hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- Double nickel chrome plated for enhanced corrosion protection or black oxide finish.
- Field repairable.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5449XL	1/2"	Full Polish	10-1/2	1.72	J5449XLRK
J5449XLBL	1/2"	Black Oxide	10-1/2	1.72	J5449XLRK

PROTO® 1/2" DRIVE PREMIUM PEAR HEAD RATCHETS – QUICKRELEASE

ASME B107.500



- Small, pear head design for access in tight, hard to reach work areas.
- 45-tooth gear, 8° swing articulation.
- Low profile quick release button for access in restricted areas.
- Low profile reversing lever design for quick, one-hand operation.
- Patented sealed head design helps prevent debris from entering the ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- Full polished handle, easy to clean.
- Double nickel chrome plated for enhanced corrosion protection meeting aerospace requirements.
- Also available in black oxide finish.
- Field repairable.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5449XLQR	1/2"	Full Polish	10-1/2	1.72	J5449XLQRRK
J5449XLQRBL	1/2"	Black Oxide	10-1/2	1.72	J5449XLQRRK

PROTO® 1/2" DRIVE PREMIUM PEAR HEAD RATCHETS – LONG

ASME B107.500



- Small pear head design for access in tight, hard to reach work areas.
- 45-tooth gear provides balance between 8° articulation angle and high torque carrying capacity.
- Sealed design helps prevent debris from entering the ratchet mechanism reducing wear. Also, helps to keep lubrication contained within the components. Patent pending design.
- Low profile reversing lever design for quick, one-hand operation.
- Contoured, ergonomically-designed handle for comfort. Knurled bands allow for increased grip and slip resistance.
- Double nickel chrome plated for enhanced corrosion protection or black oxide finish.
- Field repairable.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5450XL	1/2"	Full Polish	15	2.18	J5449XLRK
J5450XLBL	1/2"	Black Oxide	15	2.18	J5449XLRK
J5450XLQR	1/2"	Full Polish Quickrelease	15	2.18	J5449XLQRRK
J5450XLQRBL	1/2"	Black Oxide Quickrelease	15	2.18	J5449XLQRRK

PROTO® 1/2" DRIVE CLASSIC PEAR HEAD RATCHET – OVERSIZED LEVER

ASME B107.500

- Oversized reverse lever for easy reversing while wearing work gloves.
- Reversing lever designed for quick one-hand operation.
- Ideal ratchet for lineman operations.
- Unique 24-tooth gear design provides 15° ratcheting angle while maximizing ultimate torque.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5449UT	1/2"	Full Polish	10	1.50	J5449UTRK

PROTO® 1/2" DRIVE CLASSIC PEAR HEAD RATCHETS

ASME B107.500

- Robust 24-tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one-hand operation.
- Knurled slip-resistant grip.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5449	1/2"	Full Polish	10	1.57	J5449RK
J5449BL	1/2"	Black Oxide	10	1.74	J5449RK

PROTO® 1/2" DRIVE CLASSIC PEAR HEAD RATCHETS – LONG

ASME B107.500

- Robust 24-tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one-hand operation.
- Knurled slip-resistant grip.
- Field repairable.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5450	1/2"	Full Polish	16	2.03	J5449RK
J5450BL	1/2"	Black Oxide	16	2.03	J5449RK

PROTO® 1/2" DRIVE FEMALE DRIVE RATCHET – LONG

ASME B107.500

- Robust 24-tooth design with 15° arc swing.
- Alloy steel drive gear for strength and durability.
- Low profile head for access in constricted areas.
- Reversing lever design for quick, one-hand operation.
- Knurled slip-resistant grip.
- Made of heat-treated alloy steel.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5450FW	1/2"	Full Polish	16	1.82	J5450FWRK

PROTO® 1/2" DRIVE ROUND HEAD RATCHETS

ASME B107.500

- Small head design and tight swing allow fastener to access tight areas.
- Full polish or black oxide finish with knurled grip for strong slip-resistant grip.
- 5° ratcheting angle.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5452F	1/2"	Full Polish	9-3/8	1.12	J5452FRK
J5452FBL	1/2"	Black Oxide	9-3/8	1.12	J5452FRK

PROTO® 1/2" DRIVE ROUND HEAD RATCHET – LONG

ASME B107.500

- Round head ratchet mechanism allows for a compact head.
- 72-tooth = 5° swing arc.
- Small head design and tight swing arc allow for fastener access in tight areas.
- Full polish shaft with knurled grip for strong slip-resistant grip.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5454F	1/2"	Full Polish	15	1.65	J5454FRK

PROTO® 1/2" DRIVE FLEX HEAD PEAR HEAD RATCHET – FINE TOOTH

ASME B107.500

- 90 tooth count allows for 4 degree arc swing.
- Small, pear head design for access in tight, hard-to-reach work areas.
- Full polish finish for superior comfort and easy clean up.
- Contoured, ergonomically designed handle for comfort.
- Low profile reversing lever design for quick, one hand operation.
- Knurled bands allow for increased grip and slip resistance.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5450HTCF	1/2"	Full Polish	17-11/16	-	-

PROTO® 1/2" DRIVE FLEX HEAD ROUND HEAD RATCHET

ASME B107.500

- 180° flex.
- 72-tooth gear.
- 5° ratcheting angle.
- Small head design and tight swing arc allow fastener to access tight area.
- Full polish shaft with knurled grip allows for a strong slip-resistant grip.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5457F	1/2"	Full Polish	17-3/32	1.53	J5452FRK

PROTO® 1/2" DRIVE HINGE HANDLE

ASME B107.500

- Head Flexes 90° from horizontal.
- Made of heat-treated alloy steel



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)	Repair Kit
J5466	1/2"	Full Polish	10-7/8	1.14	-
J5467	1/2"	Full Polish	15-3/4	1.52	-
J5468	1/2"	Full Polish	18-5/8	1.69	-
J5468BL	1/2"	Black Oxide	18-5/8	1.69	-
J5469	1/2"	Full Polish	24	2.68	-

PROTO® 1/2" DRIVE SLIDING T-HANDLE

ASME B107.500

DIN 3122/ISO 3315



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)
J5485	1/2"	Full Polish	12-15/16	1.11

PROTO® 1/2" DRIVE SPEED HANDLE

ASME B107.500

- Made from alloy steel.
- Heat-treated for strength and durability.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)
J5480G	1/2"	Full Polish	18-5/16	1.55

PROTO® 1/2" DRIVE EXTENSIONS

ASME B107.500

- Made from alloy steel.
- Heat-treated for strength and durability.
- Rigid extension.



Part No	Drive Size	Finish	OAL (in)	Weight (lbs)
J5460	1/2"	Full Polish	2-1/2	0.24
J5460B	1/2"	Black Oxide	2-1/2	0.24
J5461	1/2"	Full Polish	5	0.44
J5461B	1/2"	Black Oxide	5	0.44
J5463	1/2"	Full Polish	10	0.89
J5463B	1/2"	Black Oxide	10	0.89
J5464	1/2"	Full Polish	20	1.87
J5465	1/2"	Full Polish	36	3.41

PROTO® 1/2" DRIVE WOBBLE EXTENSIONS

ASME B107.500

- Provides up to a 17° angle of operation.
- Made from alloy steel.
- Heat-treated for strength and durability.
- Rigid extension.



Part No	Drive Size	Finish	OAL (in)	Weight (lbs)
J5460W	1/2"	Full Polish	2-1/2	0.24
J5461W	1/2"	Full Polish	5	0.44
J5463W	1/2"	Full Polish	10	0.89
J5464W	1/2"	Full Polish	20	1.90

PROTO® 1/2" DRIVE RATCHETOR

ASME B107.500

Converts standard handles to ratcheting handles.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)
J5447	1/2"	Full Polish	2-21/32	0.86

PROTO® 1/2" DRIVE LOCKING ADAPTER

ASME B107.500

- Includes hex key for easy locking onto drive tool.
- Knurl locking ring.



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)
J5460-02BLS	1/2"	Black Oxide	3	0.36

PROTO® PEAR HEAD RATCHET REPAIR KITS



Part No	Drive Size	Ratchet #	Weight (lbs)
J5449RK	1/2"	J5449	0.38
J5449UTRK	1/2"	J5449UT	0.38
J5449XLRK	1/2"	J5449XL	0.23
J5449-14RK	1/2"	J5449-14BL	0.37
J5450FWRK	1/2"	J5450FW	0.26

PROTO® POUND HEAD RATCHET REPAIR KITS



Part No.	Drive Size	Ratchet #	Weight (lbs)
J5452FRK	1/2"	J5452F J5452FBL J5454F J5457F	0.30

PROTO® ADAPTERS

ASME B107.500



Part No	Drive Size	Finish	OAL (in)	Weight (lbs)
J5253	3/8" F x 1/2" M	Full Polish	1-7/16	0.11
J5254	1/2" F x 3/8" M	Full Polish	1-3/8	0.13
J5653	1/2" F x 3/4" M	Full Polish	1-11/16	0.24
J5453	3/4" F x 1/2" M	Full Polish	1-7/8	0.39

PROTO® 1/2" DRIVE LOCKING EXTENSIONS

ASME B107.500

- Push button locking mechanism.
- Over-molded protection cap prevents dust and debris from jamming mechanism.



Part No	Drive Size	Finish	OAL (in)	Weight (lbs)
J5460-03L	1/2"	Full Polish	3	0.40
J5461L	1/2"	Full Polish	5	0.55
J5463L	1/2"	Full Polish	10	1.04

PROTO® 1/2" DRIVE UNIVERSAL JOINT

ASME B107.500



Part No.	Drive Size	Finish	OAL (in)	Weight (lbs)
J5470A	1/2"	Full Polish	2-3/4	0.30

PROTO® 1/2" DRIVE SOCKETS – 8 POINT



ASME B107.500
IN

Part No.	Size (in) (A)	Nut End Outside Dia. (in) (B)	Drive End Outside Dia. (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	OAL (in) (L)	Weight (lbs)
J5412S	3/8	45/64	55/64	1/4	1-1/64	1-7/16	0.11
J5414S	7/16	51/64	51/64	5/16	1-1/8	1-7/16	0.11
J5416S	1/2	59/64	59/64	11/32	1-3/32	1-7/16	0.11
J5418S	9/16	1	1	3/8	1-1/64	1-1/2	0.13
J5420S	5/8	1-5/64	1-5/64	37/64	1-3/32	1-1/2	0.14
J5422S	11/16	1-11/64	1-11/64	13/32	1-1/64	1-1/2	0.15
J5424S	3/4	1-15/64	1-15/64	29/64	1-1/16	1-1/2	0.18
J5426S	13/16	1-23/64	1-23/64	27/32	1-5/32	1-5/8	0.23
J5428S	7/8	1-1/2	1-1/2	27/32	1-1/8	1-5/8	0.51
J5432S	1	1-11/16	1-11/16	3/4	11/16	1-3/4	0.80

PROTO® 1/2" DRIVE SPARK PLUG SOCKETS – 6 POINT



TORQUEPLUS FASTENING SYSTEM
ASME B107.500
IN

- With rubber insert.
- Ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- TorquePlus™ features apply.

Part No.	Size (in) (A)	Nut End Outside Dia. (in) (B)	Drive End Outside Dia. (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	OAL (in) (L)	Weight (lbs)
J5320-50	5/8	-	-	-	-	2-1/2	0.23
J5326HPA	13/16	-	-	-	-	2-47/64	0.35

PROTO® 1/2" DRIVE SOCKETS – SPLINE



IN

- High strength in a compact profile.
- Standard depth and deep sockets are available in the three smaller drive sizes – 1/4", 3/8", and 1/2".
- Can be used on spline fasteners, as well as on 4, 6, 8 or 12 point fasteners.

Part No.	Size (in) (A)	Spline Size	Nut End Outside Dia. (in) (B)	Drive End Outside Dia. (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	OAL (in) (L)	Weight (lbs)
J5416SPL	1/2	#16	7/8	7/8	31/64	13/16	1-7/16	0.11
J5418SPL	9/16	#18	7/8	7/8	31/64	13/16	1-7/16	0.11
J5420SPL	5/8	#20	7/8	7/8	17/32	1-1/16	1-9/16	0.14
J5422SPL	11/16	#22	61/64	61/64	17/32	1-1/16	1-9/16	0.17
J5424SPL	3/4	#24	1-3/64	1-3/64	17/32	1-1/16	1-9/16	0.20
J5426SPL	13/16	#26	1-1/8	1-1/8	17/32	1-1/16	1-9/16	0.23
J5428SPL	7/8	#28	1-3/16	1-3/16	17/32	1-1/16	1-9/16	0.24
J5430SPL	15/16	#30	1-5/16	1-5/16	17/32	1-1/16	1-9/16	0.30

PROTO® 1/2" DRIVE DEEP SOCKETS – SPLINE



IN

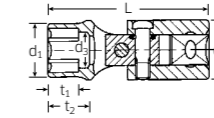
- High strength in a compact profile.
- Standard depth and deep sockets are available in the three smaller drive sizes – 1/4", 3/8", and 1/2".
- Can be used on spline fasteners, as well as on 4, 6, 8 or 12 point fasteners.

Part No.	Size (in) (A)	Spline Size	Nut End Outside Dia. (in) (B)	Drive End Outside Dia. (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	OAL (in) (L)	Weight (lbs)
J5316DPL	1/2	#16	7/8	7/8	31/64	2-7/8	3-3/8	0.24
J5318DPL	9/16	#18	7/8	7/8	31/64	2-7/8	3-3/8	0.28
J5320DPL	5/8	#20	7/8	7/8	33/64	2-7/8	3-3/8	0.32
J5322DPL	11/16	#22	61/64	61/64	17/32	2-7/8	3-3/8	0.29
J5324DPL	3/4	#24	1-3/64	1-3/64	17/32	2-7/8	3-3/8	0.33
J5326DPL	13/16	#26	1-1/8	1-1/8	17/32	2-7/8	3-3/8	0.37
J5328DPL	7/8	#28	1-3/16	1-3/16	17/32	2-7/8	3-3/8	0.41
J5330DPL	15/16	#30	1-5/16	1-5/16	17/32	2-7/8	3-3/8	0.48

Stahlwille 1/2" Universal Sockets

STAHLWILLE 1/2" DRIVE UNIVERSAL SOCKETS – 12 POINT
53

HPQ® high performance steel, chrome plated



MM

Part No.	Size (mm)	Nut End Outside Dia. (mm) (D1)	Drive End Outside Dia. (mm) (D2)	Bolt Clearance Dia. (mm) (D3)	OAL (mm) (L)	Bolt Clearance Depth (mm) (T2)	Weight (g)
03 04 00 10	10	14.7	25	9	70	20	136
03 04 00 13	13	18.4	25	12	70	20	140
03 04 00 16	16	22.4	25	15	69	17	141
03 04 00 17	17	23.5	25	16	70	18	141
03 04 00 18	18	25	25	17	70	18	145
03 04 00 19	19	26.3	25	18	70	17.5	148

PROTO® 1/2" Universal Sockets

PROTO® 1/2" DRIVE UNIVERSAL SOCKETS – 12 POINT

- Ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- TorquePlus™ features apply.



TORQUEPLUS FASTENING SYSTEM
IN

Part No.	Size (in) (A)	Nut End Outside Dia. (in) (B)	Drive End Outside Dia. (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	OAL (in) (L)	Weight (lbs)
J5475A	1/2	23/32	15/16	3/8	29/64	2-15/32	0.25
J5476A	9/16	13/16	15/16	13/32	1/2	2-21/32	0.26
J5477A	5/8	15/16	15/16	29/64	1/2	2-21/32	0.27

PROTO® 1/2" DRIVE METRIC UNIVERSAL SOCKETS – 6 POINT

- Universal sockets permit turning at an angle up to 65° where obstructions may prevent a straight application.
- Ideal for use on stubborn or damaged fasteners, and also on fasteners made from soft materials.
- TorquePlus™ features apply.

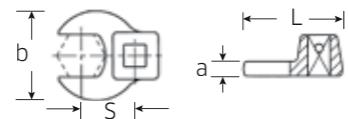


TORQUEPLUS FASTENING SYSTEM
MM

Part No.	Size (mm) (A)	Nut End Outside Dia. (in) (B)	Drive End Outside Dia. (in) (C)	Nut Depth (in) (D)	Bolt Clearance Depth (in) (E)	OAL (in) (L)	Weight (lbs)
J5484HAM	21	1-3/16	1	1/2	1/2	2-9/16	0.37
J5485HAM	22	1-1/4	1	1/2	1/2	2-9/16	0.38
J5487HAM	24	1-3/16	1	9/16	9/16	2-9/16	0.39

STAHLWILLE 1/2" DRIVE CROWFOOT SPANNERS 540A

- Chrome Alloy Steel, chrome plated
- Caution! Modified settings on torque wrench (refer to note on page 20)



Part No.	Size (in)	OAL (in) (L)	Outside Dia. (mm) (b)	Thickness (mm) (a)	Nut Depth (mm) (S)	Weight (g)
03500078	2 3/8	81.5	96	8	54.3	214

PROTO® 1/2" Crowfoot Wrenches

PROTO® 1/2" DRIVE FLARE NUT CROWFOOT WRENCHES

- Designed for speed and safety.
- Special heat-treated alloy steel helps increase strength and durability.
- 12 Point Box end allows for fine indexing, helping to improve speed and access. Fits 4, 6 and 12 point fasteners.
- Full Polish finish provides corrosion resistance and easy to clean surfaces.



Part No.	Size (in)	OAL (in)	Weight (lbs)
J5336FL	1-1/8	2-13/16	0.19
J5338FL	1-3/16	2-7/8	0.19
J5340FL	1-1/4	3	0.19
J5342FL	1-5/16	3-1/16	0.19
J5344FL	1-3/8	3-5/16	0.25
J5346FL	1-7/16	3-3/8	0.25
J5348FL	1-1/2	3-7/16	0.25
J5350FL	1-9/16	3-9/16	0.31

Part No.	Size (in)	OAL (in)	Weight (lbs)
J5352FL	1-5/8	3-3/4	0.31
J5354FL	1-11/16	3-13/16	0.31
J5356FL	1-3/4	3-7/8	0.38
J5358FL	1-13/16	4	0.38
J5360FL	1-7/8	4-1/4	0.45
J5362FL	1-15/16	4-5/16	0.50
J5364FL	2	4-7/16	0.50

PROTO® 1/2" DRIVE CROWFOOT WRENCHES



- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design Open End (ASD).
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full Polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole feature helps keep the crowfoot wrench engaged on the extension during use reducing downtime due to detachment of crowfoot in awkward spaces.
- Use with locking extensions to reach into spaces too small for a mechanic's arm or where the fastener is out of site.



Part No.	Size (in)	OAL (in)	Weight (lbs)
J5330CF	15/16	2-13/16	0.47
J5332CF	1	2-13/16	0.46
J5334CF	1-1/16	2-7/8	0.51
J5336CF	1-1/8	3	0.54
J5338CF	1-3/16	3	0.58
J5340CF	1-1/4	3-5/16	0.66
J5342CF	1-5/16	3-5/16	0.66
J5344CF	1-3/8	3-3/8	0.72
J5346CF	1-7/16	3-3/8	0.75
J5348CF	1-1/2	3-7/16	0.77
J5350CF	1-9/16	3-1/2	0.80

Part No.	Size (in)	OAL (in)	Weight (lbs)
J5352CF	1-5/8	3-1/2	0.83
J5354CF	1-11/16	3-13/16	0.95
J5356CF	1-3/4	3-13/16	0.98
J5358CF	1-13/16	3-7/8	1.01
J5360CF	1-7/8	3-7/8	1.05
J5364CF	2	3-15/16	1.10
J5368CF	2-1/8	4-1/16	1.09
J5372CF	2-1/4	4-3/8	1.27
J5376CF	2-3/8	4-7/16	1.29
J5378CF	2-7/16	4-7/16	1.28
J5380CF	2-1/2	4-1/2	1.25

PROTO® 1/2" DRIVE FULL POLISH CROWFOOT WRENCHES



- Crowfoot wrenches are used in hard to reach, restricted access situations where a standard wrench or ratchet cannot reach.
- Anti-Slip Design Open End (ASD).
- The arched surfaces are designed to spread the contact forces over a greater area and they keep the loads off the corners of the fastener which helps prevent fastener rounding.
- Broad size range ensures the right tool for the application will be available.
- Typically used in lower torque applications.
- Full Polish finish provides corrosion resistance and easy to clean surfaces.
- Locking hole feature helps keep the crowfoot wrench engaged on the extension during use reducing downtime due to detachment of crowfoot in awkward spaces.
- Use with locking extensions to reach into spaces too small for a mechanic's arm or where the fastener is out of site.



Part No.	Size (mm)	OAL (in)	Weight (lbs)
J5320MCF	20	2-19/32	0.43
J5321MCF	21	2-37/64	0.43
J5322MCF	22	2-13/16	0.45
J5323MCF	23	2-13/16	0.47
J5324MCF	24	2-51/64	0.47
J5325MCF	25	2-27/32	0.48
J5326MCF	26	2-29/32	0.49
J5327MCF	27	2-29/32	0.51
J5328MCF	28	3	0.54

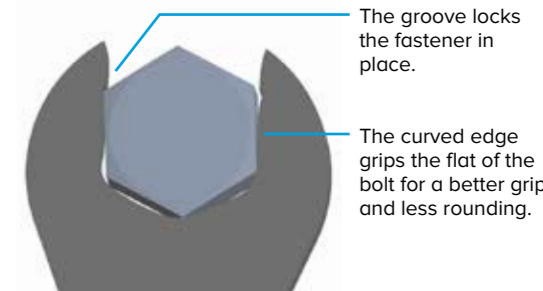
Part No.	Size (mm)	OAL (in)	Weight (lbs)
J5329MCF	29	3-1/32	0.58
J5330MCF	30	3-1/32	0.66
J5332MCF	32	3-19/64	0.66
J5335MCF	35	3-23/64	0.72
J5336MCF	36	3-13/32	0.75
J5338MCF	38	3-7/16	0.77
J5341MCF	41	3-1/2	0.83
J5342MCF	42	3-51/64	0.95
J5346MCF	46	3-55/64	1.01

Wrenches with Anti-Slip Design (ASD) – Features & Benefits

The Anti-Slip Design consists of two features:

- A notch to lock the fastener in place.
- A curve for greater contact area against the fastener.

An ASD Wrench does not apply load to the corners of the fastener, so it helps to prevent rounding. Because of the greater surface contact, the wrench can also successfully apply greater torque without slipping.



PROTO® 1/2" Drive Sets

PROTO® 1/2" DRIVE 19 PIECE SOCKET SET 12 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 19 Socket Clips
 - Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2 inch



Part No.	Description	Weight (lbs)
J54113	19 Piece Socket Set 12 Point Imperial	7.25

PROTO® 1/2" DRIVE 15 PIECE SOCKET SET 12 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 15 Socket Clips
 - Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4 inch



Part No.	Description	Weight (lbs)
J54114	15 Piece Socket Set 12 Point Imperial	4.26

PROTO® 1/2" DRIVE 15 PIECE SOCKET SET – 12 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 15 Socket Clips
 - Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm



Part No.	Description	Weight (lbs)
J54206	15 Piece Socket Set 12 Point Metric	3.08

PROTO® 1/2" DRIVE 24 PIECE SOCKET SET – 12 POINT



- Contents:
- Accessories: (2) 17 Inch Socket Bars with 24 Socket Clips
 - Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 36mm



Part No.	Description	Weight (lbs)
J54211	24 Piece Socket Set 12 Point Metric	7.69

PROTO® 1/2" DRIVE 19 PIECE SOCKET SET 6 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 19 Socket Clips
 - Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2 inch



Part No.	Description	Weight (lbs)
J54109	19 Piece Socket Set 6 Point Imperial	7.58

PROTO® 1/2" DRIVE 15 PIECE SOCKET SET 6 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 15 Socket Clips
 - Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4 inch



Part No.	Description	Weight (lbs)
J54110	15 Piece Socket Set 6 Point Imperial	4.45

PROTO® 1/2" DRIVE 15 PIECE SOCKET SET – 6 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 15 Socket Clips
 - Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 mm



Part No.	Description	Weight (lbs)
J54205	15 Piece Socket Set 6 Point Metric	3.30

PROTO® 1/2" DRIVE 23 PIECE SOCKET SET – 6 POINT



- Contents:
- Accessories: 13 and 17 Inch Socket Bars with 23 Socket Clips
 - Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32mm



Part No.	Description	Weight (lbs)
J54209	23 Piece Socket Set 6 Point Metric	6.97

PROTO® 1/2" DRIVE 11 PIECE DEEP SOCKET SET 12 POINT



- Contents:
- Accessories: 17 Inch Socket Bar and Socket Clips
 - Sockets: 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8 inch



Part No.	Description	Weight (lbs)
J54104	11 Pc Deep Socket Set 12 Point Imperial	5.68

PROTO® 1/2" DRIVE 15 PIECE DEEP SOCKET SET 12 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 15 Socket Clips
 - Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4 inch



Part No.	Description	Weight (lbs)
J54107	15 Pc Deep Socket Set 12 Point Imperial	7.95

PROTO® 1/2" DRIVE 19 PIECE DEEP SOCKET SET 6 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 19 Socket Clips
 - Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2 inch



Part No.	Description	Weight (lbs)
J54101	19 Piece Deep Socket Set 6 Point Imperial	14.18

PROTO® 1/2" DRIVE 23 PIECE DEEP SOCKET SET – 12 POINT



- Contents:
- Accessories: 13 and 17 Inch Socket Bars with 23 Socket Clips
 - Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32mm



Part No.	Description	Weight (lbs)
J54201	23 Piece Deep Socket Set 12 Point Metric	8.95

PROTO® 1/2" DRIVE 15 PIECE DEEP SOCKET SET – 12 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 15 Socket Clips
 - Sockets: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24mm



Part No.	Description	Weight (lbs)
J54207	15 Piece Deep Socket Set 12 Point Metric	6.04

PROTO® 1/2" DRIVE 15 PIECE DEEP SOCKET SET 6 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 15 Socket Clips
 - Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4 inch



Part No.	Description	Weight (lbs)
J54103	15 Piece Deep Socket Set 6 Point Imperial	8.18

PROTO® 1/2" DRIVE 19 PIECE DEEP SOCKET SET – 12 POINT



- Contents:
- Accessories: 17 Inch Socket Bar with 19 Socket Clips
 - Sockets: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2 inch



Part No.	Description	Weight (lbs)
J54105	19 Piece Deep Socket Set 12 Point Metric	14.00

PROTO® 1/2" DRIVE 16 PIECE SOCKET SET – 12 POINT

- 12 Point Standard: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 Inch.
- Accessories: Premium Ratchet, 5 and 10 Inch Extensions, Universal Joint, Hinge Handle, Speed Handle, and Blow-Molded Case.



Part No.	Description	Weight (lbs)
J54118XL	16 Pc Premium Socket Set 12 Pt Imperial	14.11

PROTO® 1/2" DRIVE 16 PIECE SOCKET SET 12 POINT

- 12 Point Standard: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1 Inch.
- Accessories: Classic Ratchet, 5 and 10 Inch Extensions, Universal Joint, Hinge Handle, Speed Handle, and Blow-Molded Case.



Part No.	Description	Weight (lbs)
J54118	16 Piece Socket Set 12 Point Imperial	13.48

PROTO® 1/2" DRIVE 18 PIECE SOCKET SET – 6 POINT

- 6 Point Standard: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4 Inch.
- Accessories: Premium Ratchet, 5 Inch Extension, Hinge Handle, and Blow-Molded Case.



Part No.	Description	Weight (lbs)
J54122XL	18 Pc Premium Socket Set 6 Pt Imperial	12.02

PROTO® 1/2" DRIVE 18 PIECE SOCKET SET 6 POINT

- 6 Point Standard: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4 Inch.
- Accessories: Classic Ratchet, 5 Inch Extension, Hinge Handle, and Blow-Molded Case.



Part No.	Description	Weight (lbs)
J54122	18 Piece Socket Set 6 Point Imperial	12.04

PROTO® 1/2" DRIVE 18 PIECE SOCKET SET – 12 POINT

- 12 Point Standard: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4 Inch.
- Accessories: Premium Ratchet, 5 Inch Extension, Hinge Handle, and Blow-Molded Case.



Part No.	Description	Weight (lbs)
J54120XL	18 Pc Premium Socket Set 12 Pt Imperial	11.77

PROTO® 1/2" DRIVE 18 PIECE SOCKET SET 12 POINT

- 12 Point Standard: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4 Inch.
- Accessories: Classic Ratchet, 5 Inch Extension, Hinge Handle, and Blow-Molded Case.



Part No.	Description	Weight (lbs)
J54120	18 Piece Socket Set 12 Point Imperial	11.80

PROTO® 1/2" DRIVE 29 PIECE SOCKET SET – 12 POINT

- 12 Point Standard: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 36 mm
- Accessories: Premium Ratchet, 2.5, 5 and 10 Inch Extensions, Universal Joint, Hinge Handle, and Blow-Molded Case



Part No.	Description	Weight (lbs)
J54212XL	29 Pc Premium Socket Set 12 Pt Metric	18.48

PROTO® 1/2" DRIVE 29 PIECE SOCKET SET 12 POINT

- 12 Point Standard: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 36 mm
- Accessories: Classic Ratchet, 2.5, 5 and 10 Inch Extensions, Universal Joint, Hinge Handle, and Blow-Molded Case



Part No.	Description	Weight (lbs)
J54212X	29 Piece Socket Set 12 Point Metric	18.41

PROTO® 1/2" DRIVE 30 PIECE SOCKET SET – 12 POINT

- 12 Point Standard: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4 Inch
- 12 Point Deep: 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4 Inch
- Accessories: Premium Ratchet, 5 and 10 Inch Extensions, Hinge Handle, and Blow-Molded Case



Part No.	Description	Weight (lbs)
J54126XL	30 Pc Premium Socket Set 12 Pt Imperial	20.28

PROTO® 1/2" DRIVE 30 PIECE SOCKET SET 12 POINT

- 12 Point Standard: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4 Inch
- 12 Point Deep: 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4 Inch
- Accessories: Pear Head Ratchet, 5 and 10 Inch Extensions, 15-3/4 Inch Hinge Handle, and Blow-Molded Case.



Part No.	Description	Weight (lbs)
J54126	30 Piece Socket Set 12 Point Imperial	19.90

PROTO® 1/2" DRIVE 31 PIECE SOCKET SET – 12 POINT

- 12 Point Standard: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 mm
- 12 Point Deep: 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 mm
- Accessories: Premium Ratchet, 5 and 10 Inch Extensions, Hinge Handle, and Blow-Molded Case



Part No.	Description	Weight (lbs)
J54214XL	31 Pc Premium Socket Set 12 Pt Metric	18.48

PROTO® 1/2" DRIVE 31 PIECE SOCKET SET – 12 POINT

- 12 Point Standard: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 mm
- 12 Point Deep: 16, 17, 18, 19, 20, 21, 22, 24, 25, 26 mm
- Accessories: Pear Head Ratchet, 5 and 10 Inch Extensions, 15-3/4 Inch Hinge Handle, and Blow-Molded Case



Part No.	Description	Weight (lbs)
J54214	31 Piece Socket Set 12 Point Metric	18.41

PROTO® 1/2" DRIVE 26 PIECE SOCKET SET 12 POINT

- 12 Point Standard: 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 21/32, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4 Inch.
- Accessories: Pear Head Ratchet, 2-1/2, 5, and 10 Inch Extensions, Hinge Handle, Universal Joint, Speed Handle, and Metal Box.



Part No.	Description	Weight (lbs)
J54124	26 Piece Socket Set 12 Point Imperial	17.69

PROTO® 1/2" DRIVE 27 PIECE SOCKET SET 12 POINT

- 12 Point Standard: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4, 5/8 Inch Spark Plug
- Accessories: Combination Wrenches 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, and 3/4 Inch. 9-1/2 Inch Tongue and Groove Pliers, Pear Head Ratchet, 5 and 10 Inch Extensions, 15-3/4 Inch Hinge Handle, Universal Joint, and Metal Box



Part No.	Description	Weight (lbs)
J54128	27 Piece Socket Set 12 Point Imperial	19.09