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Legend for Icons



Design files for this part can be found on the 80/20® DVD (Design Software)



This part can use double economy T-nuts. See page 757.

Ball End Fold Out Combo Tool

- Ball end hex drive allows up to 25° angled tool engagement for hard-to-reach fasteners
- Ergonomic handle
- Fractional or metric
- Compact — no lost keys
- For easy identification, fractional sizes have yellow case, metric sizes have red case



Ball End	Chamfered End
65-6086	65-6087
5mm	3/16
6mm	7/32
7mm	1/4
8mm	5/16
10mm	3/8
	2mm
	5/64
	3/32
	7/64
	1/8
	9/64
	5/32
	3/16
	7/32
	1/4

Part No.	Description	kg.
65-6089	Hex Head Fold Out Combo Tool	.172
65-6088	Metric Hex Head Fold Out Combo Tool	.172
65-6087	Ball End Fold Out Combo Tool	.209
65-6086	Metric Ball End Fold Out Combo Tool	.209

Ball Driver and "L" Wrench Set

- Ball end hex drive allows up to 25° angled tool engagement for hard-to-reach fasteners
- Fractional or metric
- For easy identification, fractional sizes have yellow case, metric sizes have red case



Part No.	Description	kg.
65-6106	Metric Ball Driver & "L" Wrench Set	.363
65-6111	Standard Ball Driver & "L" Wrench Set	.372

Metric (mm)		Standard (in)	
65-6106		65-6111	
1.5	5	.050	5/32
2	6	1/16	3/16
2.5	8	5/64	7/32
3	10	3/32	1/4
4		7/64	5/16
		1/8	3/8
		9/64	

Bondhus® is a registered trademark of the Bondhus Corp.

Ball End Power Bits

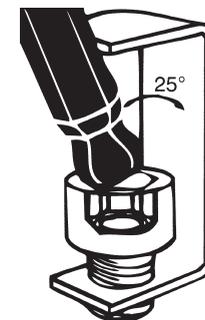
- Allows for entry angle up to 25°
- 76mm long with hex shank for power tools



Part No.	Size	Description	kg.
65-6090	3/16"	Hex Ball End Power Bit	.0192
65-6095	1/4"	Hex Ball End Power Bit	.0196
65-6091	5mm	Hex Ball End Power Bit	.0192
65-6092	6mm	Hex Ball End Power Bit	.0196

Ball End "L" Hex Wrenches

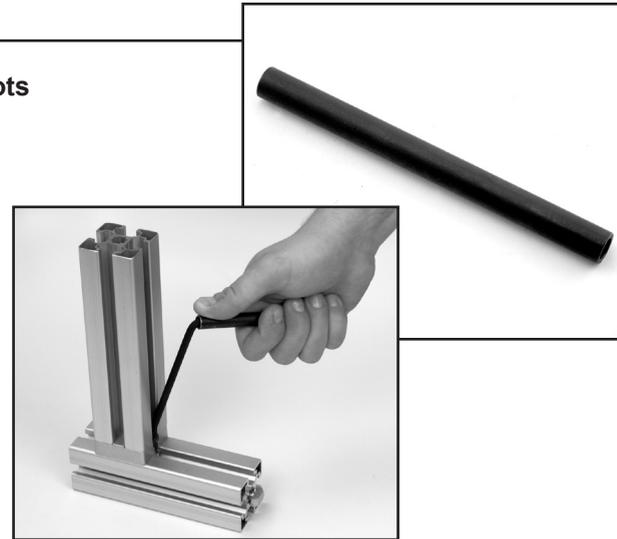
- Ball end for off-axis rotation
- Long arm for maximum torque
- Allows for entry angle up to 25°



Part No.	Size	Description	kg.
65-6100	5/32"	Ball End "L" Hex Wrench	.0135
65-6010	3/16"	Ball End "L" Hex Wrench	.0206
65-6040	1/4"	Ball End "L" Hex Wrench	.0434
65-6097	4mm	Ball End "L" Hex Wrench	.0135
65-6098	5mm	Ball End "L" Hex Wrench	.0206
65-6099	6mm	Ball End "L" Hex Wrench	.0434

Cheater Pipe

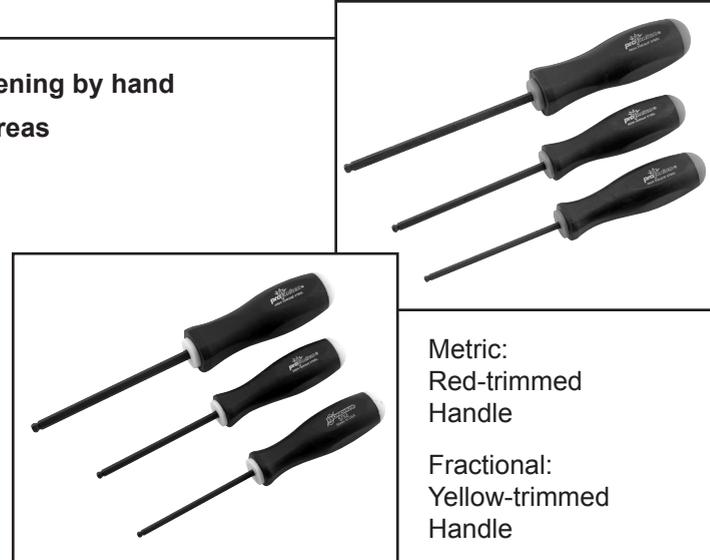
- Gives extra torque in hard-to-reach spots
- Use with a ball end “L” hex wrench
- Fits over the end of a 6mm hex wrench



Part No.	Description	kg.
65-6005	Cheater Pipe (up to 1/4")	.0435

Ball End Hex Drivers

- Excellent choice for quick tightening by hand
- Accessibility in hard-to-reach areas
- Allows for entry angle up to 25°



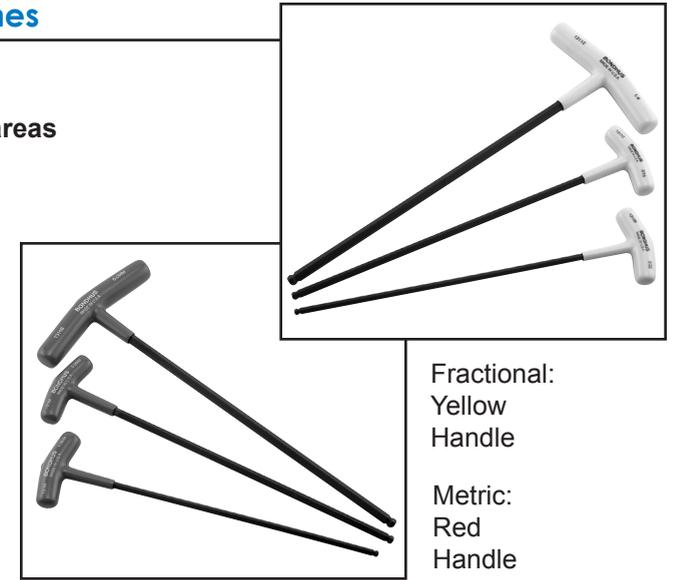
Metric:
Red-trimmed
Handle

Fractional:
Yellow-trimmed
Handle

Part No.	Size	Description	kg.
65-6105	5/32"	Ball End Hex Driver	.041
65-6020	3/16"	Ball End Hex Driver	.066
65-6050	1/4"	Ball End Hex Driver	.097
65-6102	4mm	Ball End Hex Driver	.041
65-6103	5mm	Ball End Hex Driver	.066
65-6104	6mm	Ball End Hex Driver	.097

“T” Handle Ball End Hex Wrenches

- Cushion grip for maximum torque
- 254mm long arm for hard-to-reach areas
- Allows for entry angle up to 25°



Fractional:
Yellow
Handle

Metric:
Red
Handle

Part No.	Size	Description	kg.
65-6000	3/16"	“T” Handle Hex Wrench	.072
65-6030	1/4"	“T” Handle Hex Wrench	.172
65-6110	5/32"	“T” Handle Hex Wrench	.053
65-6107	4mm	“T” Handle Hex Wrench	.059
65-6108	5mm	“T” Handle Hex Wrench	.072
65-6109	6mm	“T” Handle Hex Wrench	.172

Combination Wrenches

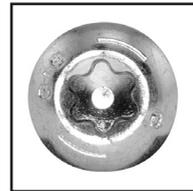
- Used to tighten hex nuts when used with T-slot studs
- 10mm fits M6 hex nuts
- 13mm fits M8 hex nuts
- Forged and chrome-plated
- Made in the USA



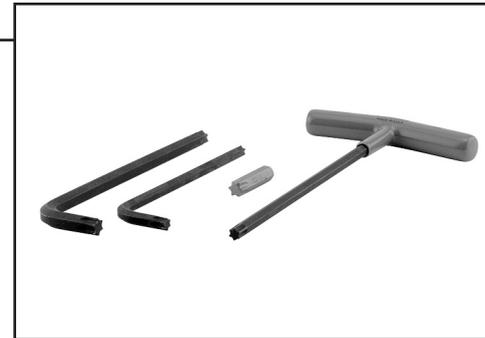
Part No.	Size	Description	kg.
65-6065	10 mm	Combination Wrench	.0544
65-6080	13 mm	Combination Wrench	.0658

Six Lobe Tools

- “L” wrench provides higher torque
- Power bits for self-tapping screws
- “T” handle wrench speeds up assembly



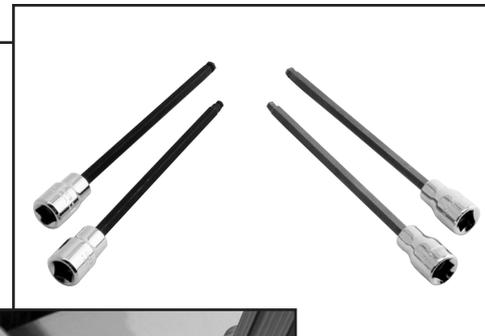
Six-Lobe
Head Screw



Part No.	Description	kg.
65-6066	Six Lobe “L” Wrench - 40IP	.0299
65-6067	Six Lobe “L” Wrench - 50IP	.0608
65-6073	Six Lobe Power Bit - 40IP	.0091
65-6068	Six Lobe Power Bit - 50IP	.0136
65-6069	Six Lobe “T” Handle Wrench - 40IP	.1588
65-6071	Six Lobe “T” Handle Wrench - 50IP	.1950

Ball End Sockets

- Speeds up assembly time
- Use with a 3/8” drive ratcheting or pneumatic socket wrench
- Tighten fasteners to specification with a torque wrench



Part No.	Size	Description	kg.
65-6001	3/16”	Ball End Hex Socket	.0690
65-6002	1/4”	Ball End Hex Socket	.0706
65-6003	5mm	Ball End Hex Socket	.0660
65-6004	6mm	Ball End Hex Socket	.0672

Access Hole Drills

- Drills through profile for access to end fastener shown on pages 739-740
- Made in USA of highest quality high-speed steel
- Split point style

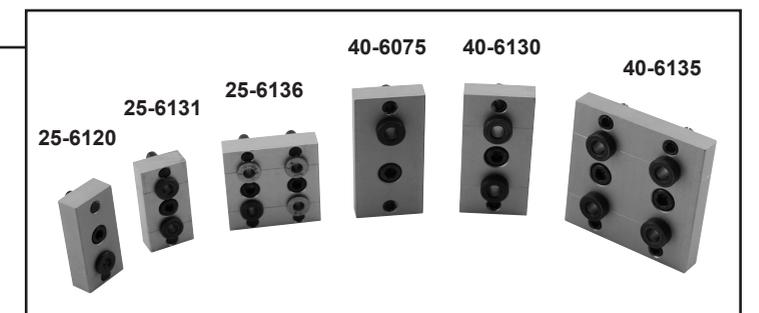


Part No.	Size	Description	kg.
25-6115	ø5.1mm	25 Series Access Hole Drill	.0110
40-6070	ø7.1mm	40 Series Access Hole Drill	.0250

Access Hole Drill Jigs



25-6121 or 40-6076



- Locates access holes precisely
- Hardened dowel pins prevent rotation
- Replaceable, hardened drill bushings
- Locator lines for accurate hole location
- Made of clear anodized 6061-T6 aluminum

Part No.	Size	Description	kg.
25-6120	5.1mm	Access Hole Drill Jig for 25-2525	.0567
25-6131	5.1mm	Access Hole Drill Jig for 25-2550	.0588
25-6136	5.1mm	Access Hole Drill Jig for 25-5050	.0998
25-6121	5.1mm	Replacement Bushing for 25 Series	.0222
40-6075	7.1mm	Access Hole Drill Jig for 40-4040/40-4040-Lite	.1833
40-6130	7.1mm	Access Hole Drill Jig for 40-4080/40-4080-Lite	.1857
40-6135	7.1mm	Access Hole Drill Jig for 40-8080	.3728
40-6076	7.1mm	Replacement Bushing for 40 Series	.0240

80/20® Inc.

The Industrial Erector Set®

THE STANDARD

Anchor Fastener Counterbore Cutters

- Four flute-style single ends
- Made of high speed steel
- Specially ground for long life
- Made in the USA



Part No.	Size	Description	kg.
40-6060	20.0mm	40 Series Counterbore Cutter	.2038
25-6160	14.3mm	25 Series Counterbore Cutter	.0786

Soft Face Mallet

- Won't scratch or mar aluminum
- Maximum controlled striking force without rebound
- Great for assembling Quick Frame or installing T-slot cover
- One piece urethane construction
- Reinforced with solid steel rod — no exposed metal
- Wraparound texture for secure grip
- Face diameter = 30.50mm
- Made in the USA



Part No.	Description	kg.
65-6055	Soft Face Mallet	.2840

ATTITUDE Lapel Pins

- Get your day and project started right with the **RIGHT ATTITUDE**
- A reminder to keep a good attitude in situations with your boss, banker, the IRS – any distraction that eats up your time and energy!



Part No.	Description	kg.
65-8020	Deluxe ATTITUDE Lapel Pin	.0180
65-8030	Economy ATTITUDE Lapel Pin	.0180