



METRIC TOOLS

TT4G	Handle for Allen bits
TT4M	2.5mm Allen bit
TT4N	3mm Allen bit
TT4P	4mm Allen bit
TT4S	5mm Allen bit
TT4AA	2mm Allen bit
TT58	9 pcs. "L" shaped Allen set in plastic case 1.5–10mm
TT86	Metal scale 1/2" x 6" with metric and inches
TT91	7mm combination wrench
TT92	9mm combination wrench
TT93	11mm combination wrench
TT94	5mm nut driver
TT95	7mm nut driver DISCONTINUED
TT97	Vernier caliper with metric and inches
TT98	1.5mm "L" shaped Allen wrench
TT109	10mm combination wrench
TT131	5 mm combination wrench
TT132	5.5mm combination wrench
TT133	6mm combination wrench
TT134	8mm combination wrench
TT135	12mm combination wrench
TT136	13mm combination wrench
TT137	14mm combination wrench
TT138	9mm x 1/4" drive socket
TT139	11mm x 1/4" drive deep socket
TT141	Looper/needle height gauge set for JUKI MO-Series DISCONTINUED
TT152	5mm Allen bit x 1/4" drive
TT154	8 pc. T-handle Allen bit set 2–10mm in plastic pouch
TT154A	2mm T-handle Allen bit DISCONTINUED
TT154B	2.5mm T-handle Allen bit DISCONTINUED
TT154C	3mm T-handle Allen bit
TT157	Looper/needle height gauge for CS/MFC and FS/MF machines
TT158	10 pc. 1/4" drive 6 point sockets 5–14mm in a plastic holder
TT159	5" x 1/4" drive ratchet for sockets
TT165	Midget combination wrench set 4mm–11mm

ESSENTIAL FOR ANY MECHANIC!

These technical booklets should be on every mechanic's tool bench. Each Stitch Formation booklet illustrates a stitch type formation, plus the machine adjustments to create a proper stitch.

Stitch Formation Type 301
(English or Spanish)

Stitch Formation Type 401
(English or Spanish)

Stitch Formation Type 504
(English or Spanish)

Stitch Formation Type 605
(English or Spanish)

ALSO AVAILABLE—

56300 Assembly & Adjusting—step-by-step procedure for assembling and adjusting the 56300 or other 50000 Series machine. (English/Spanish)

Inside Union Special—technical advice, tips on synchronization, pulleys, needles, maintenance and other short subjects. (English)

Fundamentals of Pneumatics (English) **Fundamentals of Electricity** (English)

Thread Consumption—equations to approximate total thread consumed in a seam using various stitch types. (English)

Garment Construction—a storehouse of information on operation sequences and descriptions, machine styles, stitch/seam types, and production figures for over 200 garments. (English)



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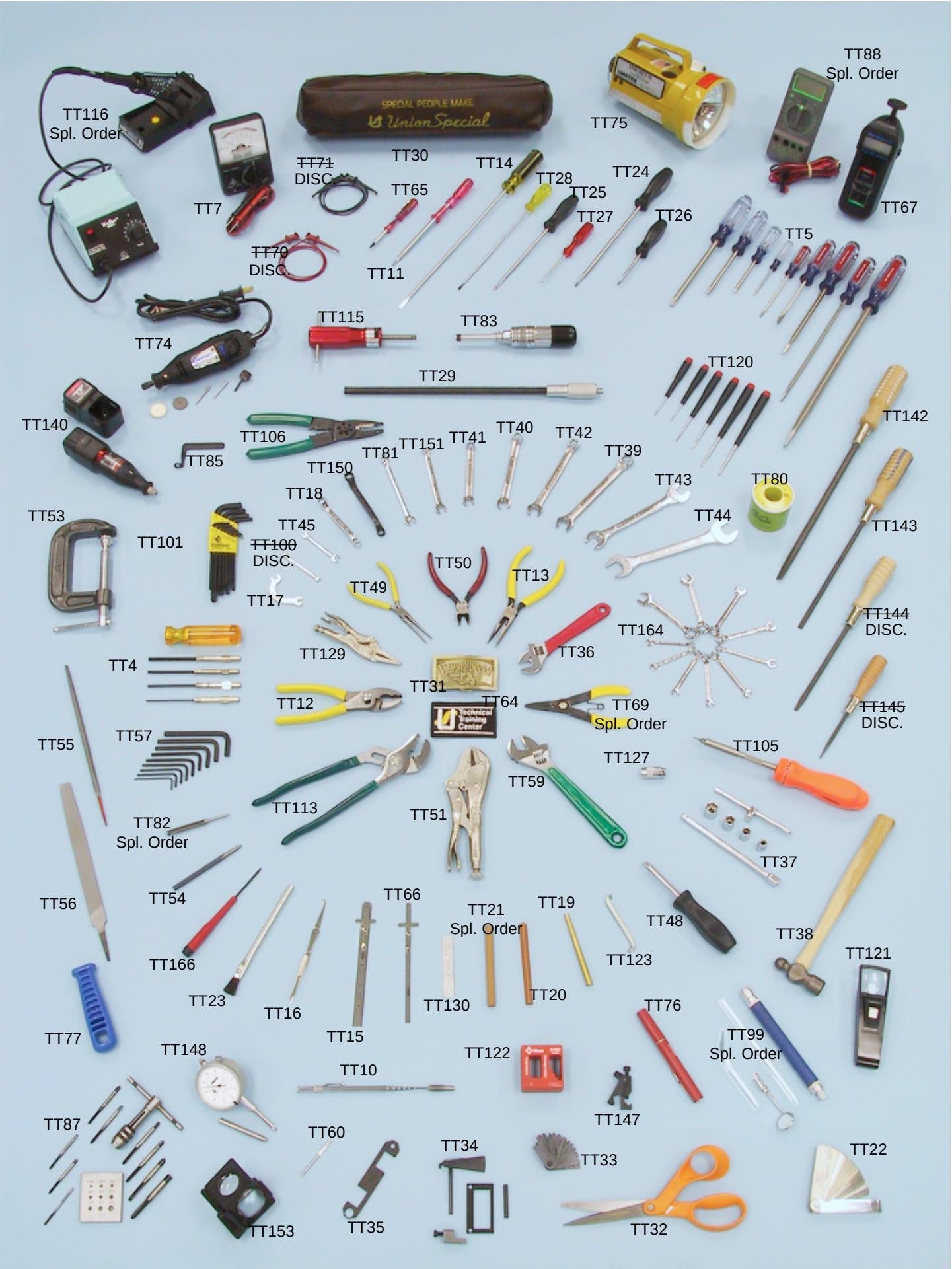
FLOOR MECHANIC'S TOOL KIT TT-1

Kit includes: TT-4, TT-5, TT-10, TT-11, TT-12, TT-13, TT-14, TT-15, TT-16, TT-17, TT-18, TT-19, TT-20, TT-22, TT-23, TT-24, TT-27, TT-28, TT-30, TT-33, TT-36, TT-37, TT-38, TT-39, TT-40, TT-41, TT-42, TT-48, TT-57, TT-65, TT-81. See page 3 for descriptions.

TRAVELING MECHANIC'S TOOL KIT TT-2

Same as TT-1 plus: TT-7, TT-43, TT-44, TT-49, TT-50, TT-51, TT-52, TT-53, TT-54, TT-55, TT-56. See page 3 for descriptions.





Number	Description
INDIVIDUAL TOOLS	
TT1	Mechanic's Tool Kit (see front)
TT2	Traveling Mechanic's Tool Kit (see front)
TT3	Adjustable torque wrench 0–75 in. lb. dial indicator with screwdriver bit and 1/4" adapter
TT4	Screwdriver handle and 4 Allen bits in sizes 3/32", 1/8", 5/32", 3/16"
TT5	Set plastic handle screwdrivers: 3-1/2", 4", 6", 9", 12" slotted; 2-1/2", 3", 4", 6" Phillips
TT6	Pocket VOM Multi-tester — Analog
TT7	Large VOM Multi-tester — Analog
TT10	Telescopic pocket magnet
TT11	Quickwedge screw starter screwdriver 5"
TT12	Slip joint pliers 6"
TT13	Needle nose pliers 6"
TT14	Plastic handle screwdriver 12" blade
TT15	Metal scale 6" (English)
TT16	Sharp point tweezers
TT17	Wrench — 9/32" open end, curved for needle and looper nuts
TT18	Wrench — 9/32" x 1/4" curved box end
TT19	Brass rod 4"
TT20	Triangle India stone 4"
TT21	Round India stone 4" SPECIAL ORDER
TT22	Feeler or thickness gauge
TT23	Cleaning brush 6"
TT24	8" x 3/16" blade, plastic handle screwdriver
TT25	6" x 3/16" blade, plastic handle screwdriver
TT26	3" x 3/16" blade, plastic handle screwdriver
TT27	2" x 1/8" blade, plastic handle screwdriver
TT28	8" x 1/8" blade, plastic handle screwdriver
TT29	Rod wrench for use with torque wrench
TT30	Union Special® tool pouch
TT31	Union Special® belt buckle
TT32	8" scissors
TT33	Looper gauges set of 12 sizes 1/16", 3/32", 3/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 11/64", 13/64"
TT34	Synchronizing gauge in pouch
TT35	4-1/16" gauge for 50000 series machines
TT36	6" adjustable wrench
TT37	T-Handle, 6" extension and 9/32", 5/16", 3/8" and 1/2" sockets; all 1/4" drive
TT38	Ball peen hammer
TT39	1/2" combination wrench
TT40	3/8" combination wrench
TT41	5/16" combination wrench
TT42	7/16" combination wrench
TT43	5/8" x 9/16" open end wrench
TT44	11/16" x 3/4" open end wrench
TT45	3/16" x 7/32" open end wrench
TT48	Screwdriver handle for sockets 3/4" drive
TT49	Needle nose pliers (smooth jaw)
TT50	Side cutters 5"
TT51	Small vise grips 7"
TT52	Large vise grips 10"
TT53	"C" Clamp 3"
TT54	Center punch 4"
TT55	Round file 8"
TT56	Flat file 8"

Number	Description
INDIVIDUAL TOOLS	
TT57	Allen wrench set "L" shaped (standard)
TT58	Allen wrench set "L" shaped (metric)
TT59	Adjustable wrench 8"
TT60	Diamond file
TT61	Needle height gauge for 39800 machines
TT62	Allen cluster
TT64	TTC emblem for coat
TT65	Quickwedge screw starter screwdriver 3"
TT66	Metal scale 1/4" x 6" (English)
TT67	Hand held digital tach 1–20,000 RPM
TT68	Spreader height gauge for 52800, 57800 and FS100
TT69	Snap ring pliers SPECIAL ORDER
TT70	DISCONTINUED
TT71	DISCONTINUED
TT72	DISCONTINUED
TT73	10" x 3/16" blade screwdriver
TT74	Dremel® grinder kit — 110V & 220V
TT75	Strobe light — 110V only
TT76	Pocket flashlight
TT77	Handle for files
TT78	Emery cloth
TT79	Crocus cloth SPECIAL ORDER
TT80	Roll flat emery cord
TT81	1/4" combination wrench
TT82	Drift punch SPECIAL ORDER
TT83	Adjustable torque wrench 0–36 in. lbs., with bits
TT84	Grooved pliers
TT85	Looper avoid wrench 35800/36200
TT86	Metal scale 1/2" x 6" (Metric-English)
TT87	Tap set for Union Special® screws
TT88	Digital Multi-tester VOM with case SPECIAL ORDER
TT91	7mm combination wrench
TT92	9mm combination wrench
TT93	11mm combination wrench
TT94	5mm nut driver
TT95	7mm nut driver DISCONTINUED
TT96	Dental inspection mirror DISCONTINUED
TT97	Vernier caliper (Metric-English)
TT98	1.5mm Allen wrench
TT99	Deep area inspection light SPECIAL ORDER
TT100	1/8" open end wrench DISCONTINUED
TT101	L-shaped ball Allen set (standard) .050"–5/16"
TT102	Ball Allen set with handles (standard) .050"–3/8" DISCONTINUED
TT105	DISCONTINUED
TT106	Electrician's pliers
TT107	1/4" drive socket set (standard) SPECIAL ORDER
TT108	3/8" drive socket set (standard) SPECIAL ORDER
TT109	10mm open and box end wrench
TT110	6" wire cutters
TT111	Honing machine
TT112	8" multi purpose pliers
TT113	10" multi purpose pliers
TT114	12" multi purpose pliers

Number	Description
INDIVIDUAL TOOLS	
TT115	Torque wrench 10–100 in. lb. (specify setting when ordering)
TT116	Soldering station 500–700° F (110V) SPECIAL ORDER
TT117	Cordless soldering station
TT118	Voltage tester DISCONTINUED
TT120	6 piece miniature precision screwdriver set
TT121	Optical magnifier/flashlight 4X power
TT122	Magnetizer/Demagnetizer
TT123	Offset screwdriver, flat tip
TT124	3/32" T-handle Allen wrench
TT125	1/8" T-handle Allen wrench
TT126	8 piece set T-handle Allen wrench set 3/32"–1/4"
TT127	1/4" drive quick change coupler for hex bits
TT128	5" curved jaw vise grips
TT129	4" long nose vise grips
TT130	3" Starrett® chrome steel rule (English)
TT131	5mm combination wrench
TT132	5.5mm combination wrench
TT133	6mm combination wrench
TT134	8mm combination wrench
TT135	12mm combination wrench
TT136	13mm combination wrench
TT137	14mm combination wrench
TT138	9mm 1/4" drive socket
TT139	11mm 1/4" drive deep well socket
TT140	Cordless Dremel® rotary tool
TT141	Looper/needle height gauge set for JUKI MO-series (metric) DISCONTINUED
TT142	10" x 3/8" wood handle screwdriver
TT143	8" x 1/4" wood handle screwdriver
TT144	6" x 1/4" wood handle screwdriver DISCONTINUED
TT145	3" x 1/8" wood handle screwdriver DISCONTINUED
TT147	Timing gauge—35800 & Lockstitch
TT148	Synchronizing gauge for BC100
TT150	Wrench — 5/16" x 3/8" curved box
TT151	9/32" combination wrench
TT152	5mm Allen 1/4" drive adapter
TT153	Stitch counter/magnifier 5X
TT154	8 piece T-handle Allen wrench set metric sizes 2mm–10mm
TT155	Feed bar alignment gauge FS300
TT156	Bushing replacement kit BC100
TT157	Multi use gauge CS/MFC and FS/MF
TT158	10 piece socket set 1/4" drive metric sizes 5mm–14mm
TT159	5" x 1/4" drive ratchet for sockets
TT160	Knife holder fixture FS300
TT160A	Knife holder fixture CS100 right hand knife
TT160B	Knife holder fixture CS100 left hand knife
TT163	Gluing bar FS300 SPECIAL ORDER
TT164	Midget combination wrench set standard sizes 5/32"–7/16"
TT165	Midget combination wrench set metric sizes 4mm–11mm
TT166	1/16" Allen screwdriver

TT items in blue not shown.
TT items in red, see insert for picture.
Product appearance may vary from picture.
Every effort is made to provide tools made in U.S.A.

