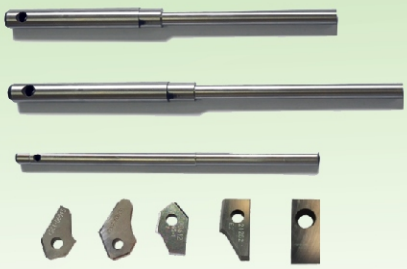
THLMachine

Engine Rebulding Tools and Supplies



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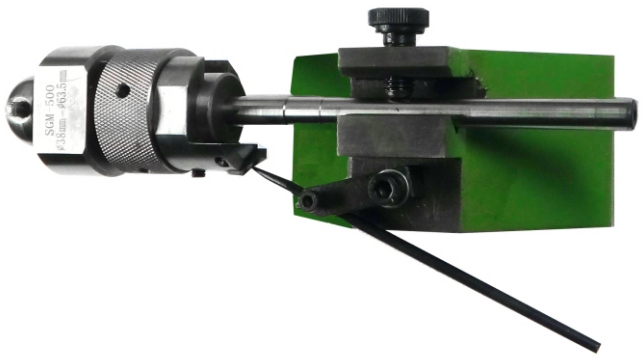
VALVE SEAT KIT

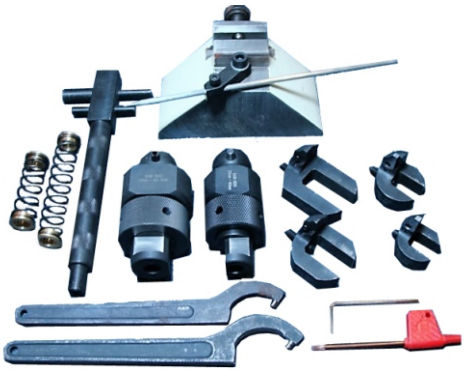
Ball head seat cutting kit

. Fit sunnen machine VGS20
. 1” ball head



SGM-500

. Fit .389." /9.88mm pilot



Kit Includes:

Part No.	Descriptions
SGM-1025	Cutter Body1.00-1.56 in.(25.4-39.6mm)
SGM-1030	Cutter Body1.50-2.5 in.(38.1-63.5mm)
VSC-06045	Insert, 30-45-60,1.5mm
VSC-08045	Insert, 30-45-60,2.0mm
SGM-1045	Insert Holder Assy.1.00-1.25 in.(25.4-31.7mm)
SGM-1055	Insert Holder Assy.1.20-1.56 in.(30.5-39.6mm)
SGM-1060	Insert Holder Assy.1.50-1.94 in.(38.1-49.2mm)
SGM-1065	Insert Holder Assy.1.88-2.5 in.(47.6.1-63.5mm)
VSC-400	Setting Fixture
PSP-215	Spring, Short
PSP-216	Spring, Long
VSC-509	Spring Bushing (4)
PWMM-8	Spanner Wrench
PWMM-9	Spanner Wrench
SGM-1015	Cutter Body Wrench
SGM-1100	Pilot Removal Tool

SGM-700

. Fit.236" /5. 99mm pilot

Kit Includes:

Part No.	Descriptions
SGM-1020	Cutter Body0.55-1.4 in.(14-35.5mm)
SGM-1035	Insert Holder Assy. 0.55-0.85 in.(14-21.5mm)
SGM-1040	Insert Holder Assy. 0.85-1.4 in.(21.59-35.5mm)
VSC-717	Insert, 38-45-60,1.5mm
VSC-718	Insert, 38-45-60,2.0mm
SGM-1200	Pilot Removal Tool
VSC-780	Level Bushing
PSP-212	Spring, Short
PSP-213	Spring, Long
VSC-709	Spring Bushing (4)
PWMM-7	Spanner Wrench

VALVE SEAT KIT

Ball head seat cutting kit

. Fit .375" .385" and .437" Pilot
. 1" ball head

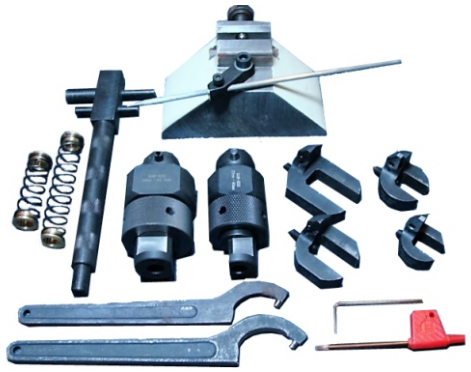
SGM500-375 fit .375"/9.525mm pilot
SGM500-385 fit .385"/9.78mm pilot
SGM500-437 fit .437"/11.1mm pilot

Part No.	Descriptions
SGM-1025-375	Cutter Body1.00-1.56 in.(25.4-39.6mm)
SGM-1025-385	Cutter Body1.00-1.56 in.(25.4-39.6mm)
SGM-1025-437	Cutter Body1.00-1.56 in.(25.4-39.6mm)
SGM-1030-375	Cutter Body1.50-2.5 in.(38.1-63.5mm)
SGM-1030-385	Cutter Body1.50-2.5 in.(38.1-63.5mm)
SGM-1030-437	Cutter Body1.50-2.5 in.(38.1-63.5mm)
VSC-06045	Insert, 30-45-60,1.5mm
VSC-08045	Insert, 30-45-60,2.0mm
SGM-1045	Insert Holder Assy.1.00-1.25 in.(25.4-31.7mm)
SGM-1055	Insert Holder Assy.1.20-1.56 in.(30.5-39.6mm)
SGM-1060	Insert Holder Assy.1.50-1.94 in.(38.1-49.2mm)
SGM-1065	Insert Holder Assy.1.88-2.5 in.(47.6.1-63.5mm)
VSC-400	Setting Fixture
PSP-215	Spring, Short
PSP-216	Spring, Long
VSC-509	Spring Bushing (4)
PWMM-8	Spanner Wrench
PWMM-9	Spanner Wrench
SGM-1015	Cutter Body Wrench
SGM-1100	Pilot Removal Tool

VALVE SEAT KIT

Ball head seat cutting kit

30mm ball driver
Fit AZ machine
Fit 9.525mm pilot



SGM-500-AZ

Part No.	Descriptions
SGM-1025-30	Cutter Body1.00-1.56 in.(25.4-39.6mm)
SGM-1030-30	Cutter Body1.50-2.5 in.(38.1-63.5mm)
VSC-06045	Insert, 30-45-60,1.5mm
VSC-08045	Insert, 30-45-60,2.0mm
SGM-1045	Insert Holder Assy.1.00-1.25 in.(25.4-31.7mm)
SGM-1055	Insert Holder Assy.1.20-1.56 in.(30.5-39.6mm)
SGM-1060	Insert Holder Assy.1.50-1.94 in.(38.1-49.2mm)
SGM-1065	Insert Holder Assy.1.88-2.5 in.(47.6.1-63.5mm)
VSC-400	Setting Fixture
PSP-215	Spring, Short
PSP-216	Spring, Long
VSC-509	Spring Bushing (4)
PWMM-8	Spanner Wrench
PWMM-9	Spanner Wrench
SGM-1015	Cutter Body Wrench
SGM-1100	Pilot Removal Tool

VALVE SEAT KIT

Serdi taper seat cutting kit

Fit serdi machine
With screw press button
Fit .375” pilot

SGM-500-Ser

Kit Includes:

Part No.	Descriptions
SGM-1025-ser	Cutter Body1.00-1.56 in.(25.4-39.6mm)
SGM-1030-ser	Cutter Body1.50-2.5 in.(38.1-63.5mm)
VSC-06045	Insert, 30-45-60,1.5mm
VSC-08045	Insert, 30-45-60,2.0mm
SGM-1045	Insert Holder Assy.1.00-1.25 in.(25.4-31.7mm)
SGM-1055	Insert Holder Assy.1.20-1.56 in.(30.5-39.6mm)
SGM-1060	Insert Holder Assy.1.50-1.94 in.(38.1-49.2mm)
SGM-1065	Insert Holder Assy.1.88-2.5 in.(47.6.1-63.5mm)
VSC-400	Setting Fixture
PWMM-8	Spanner Wrench
PWMM-9	Spanner Wrench
SGM-1015	Cutter Body Wrench

Seat pocket cutting kit

Ball driver 1″
Fit .389″ .385″ .375″ pilot

VGS300-389
VGS300-385
VGS300-375

Part No.	Descriptions
ASPC-1500	Seat Pocket Cutter Head 1.5-1.687 in. (38.1-42.9mm)Range
ASPC-1687	Seat Pocket Cutter Head 1.687-1.875 in. (42.9-47.6mm)Range
ASPC-1875	Seat Pocket Cutter Head 1.875-2.062 in. (47.6-52.4mm)Range
ASPC-2062	Seat Pocket Cutter Head 2.062-2.25 in. (52.4-57.1mm)Range
VGS-325-389	Cutter Head Driver for .389 in.(9.88mm)Pilot
VGS-325-385	Cutter Head Driver for .385 in.(9.78mm)Pilot
VGS-325-375	Cutter Head Driver for .375 in.(9.525mm)Pilot
VGS-410A	Pocket Cutter Setting Fixture with Setting Standard
PSP-215A	Short Spring
PSP-216A	Long Spring
VSC-509A	Spring Bushing(4)
PWM-5A	Hex T-Wrench

Cutter Heads Available

ASPC-937	.937"- 1.031" (23.8 mm-26.2 mm)
ASPC-1031	1.031"-1.125" (26.2 mm-28.6 mm)
ASPC-1125	1.125"-1.218" (28.6 mm-30.9 mm)
ASPC-1218	1.218"-1.312" (30.9 mm-33.3 mm)
ASPC-1312	1.312"-1.500"(33.3 mm-38.1 mm)
ASPC-1500*	1.500"-1.687" (38.1 mm-42.8 mm)
ASPC-1687*	1.687"-1.875"(42.8 mm-47.6 mm)
ASPC-1875*	1.875"-2.062" (47.6 mm-52.4mm)
ASPC-2062*	2.062"-2.250"(52.4 mm-57.1 mm)
ASPC-2250	2.250"-2.437"(57.1 mm-61.9 rmm)
ASPC-2437	2.437"-2.625" (61.9 mm-66.7 mm)
ASPC-2625	2.625"-2.812" (66.7 mm-71.4 mm)
ASPC-2812	2.812"-3.000" (71.4 mm-76.2 mm)

Tool Holder

Newen

NWN5100F
NWN5100F-L1
NWN5100F-L2
NWN5300
NWN5300-L1

NWN-BH375F
NWN-BH385F
NWN-BH389F
NWN-BH390F
NWN-BH437F

Serdi

S5100 Ref 010021
S5300 Ref 404079
S5700 Ref 019583
S5710 Ref 014154
S5731 Ref 020762

Insert Holder

Newen

NWN2000
NWN2001
NWN2002
NWN2003
NWN2004
NWN2005

Serdi

S2000 Ref 303390
S2001 Ref 303391
S2002 Ref 303392
S2003 Ref 303393
S2004 Ref 303394

S2700/0° rake angle Ref 921228
S2710/0° rake angle Ref 919409
S2710/8° rake angle Ref 019409
S2711/0° rake angle Ref 918768
S2711/8° rake angle Ref 018768

Adapter for 1” ball head

THL-SNTA
Drive adaptor for Sunnen, Tobin Arp & Berco machines.

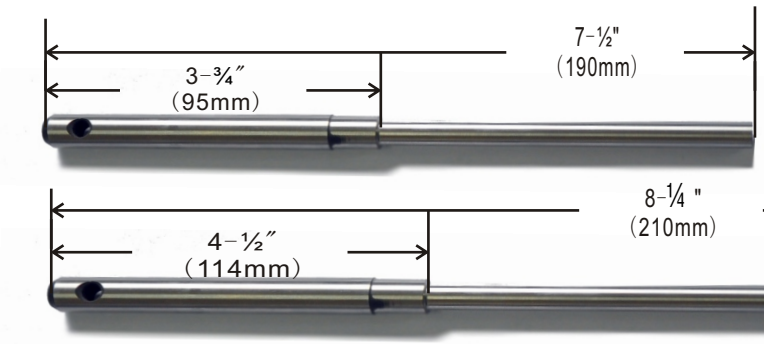
THL-MT 3
3 morse taper adaptor (commonly used on Winona Van Norman, Peterson, Kwik-Way, Zan Rosso seat & guide machines).

THL-MT4
4 morse taper (Kwik-Way, Winona Van Norman....seat & guide

THL-4SS
3/4” straight shank adaptor (commonly
used on DCM machines, vertical mills (bridgeport...).

Taper/dead pilot carbide

Top diameter
.389”/9.88mm
.375”/9.52mm



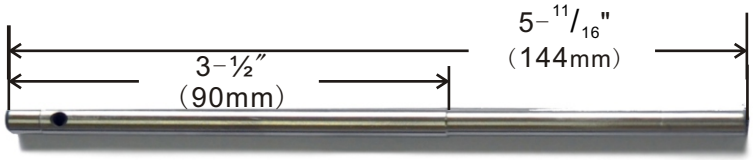
DIAMETER		
in.	mm	PILOT No.
0.248	6.3	VS-248E
0.249	6.32	VS-249E
0.25	6.35	VS-250E
0.251	6.37	VS-251E
0.252	6.4	VS-252E
0.255	6.48	VS-255E
0.256	6.5	VS-256E
0.257	6.53	VS-257E
0.259	6.58	VS-259E
0.26	6.6	VS-260E
0.261	6.63	VS-261E
0.274	6.96	VS-274E
0.275	6.99	VS-275E
0.276	7.01	VS-276E
0.277	7.04	VS-277E
0.281	7.14	VS-281E
0.282	7.16	VS-282E
0.283	7.19	VS-283E
0.288	7.32	VS-288E
0.309	7.85	VS-309E
0.31	7.87	VS-310E *
0.311	7.9	VS-311E *
0.312	7.92	VS-312E *
0.313	7.95	VS-313E
0.314	7.98	VS-314E
0.315	8	VS-315E
0.316	8.03	VS-316E
0.317	8.05	VS-317E
0.318	8.08	VS-318E

DIAMETER		
in.	mm	PILOT No.
0.32	8.13	VS-320E
0.321	8.15	VS-321E
0.322	8.18	VS-322E
0.323	8.2	VS-323E
0.324	8.23	VS-324E
0.325	8.26	VS-325E
0.326	8.28	VS-326E
0.328	8.33	VS-328E
0.332	8.43	VS-332E
0.334	8.48	VS-334E
0.335	8.51	VS-335E
0.336	8.53	VS-336E
0.339	8.61	VS-339E
0.34	8.64	VS-340E *
0.341	8.66	VS-341E *
0.342	8.69	VS-342E *
0.343	8.71	VS-343E
0.344	8.74	VS-344E
0.345	8.76	VS-345E
0.346	8.79	VS-346E
0.353	8.97	VS-353E
0.354	8.99	VS-354E
0.355	9.02	VS-355E
0.356	9.04	VS-356E
0.358	9.09	VS-358E
0.359	9.12	VS-359E
0.361	9.17	VS-361E
0.362	9.19	VS-362E
0.37	9.39	VS-370E

DIAMETER		
in.	mm	PILOT No.
0.371	9.42	VS-371E
0.372	9.45	VS-372E
0.373	9.47	VS-373E
0.374	9.5	VS-374E
0.375	9.53	VS-375E
0.376	9.55	VS-376E *
0.377	9.57	VS-377E *
0.378	9.6	VS-378E *
0.379	9.63	VS-379E *
0.38	9.65	VS-380E *
0.381	9.68	VS-381E
0.385	9.78	VS-385E
0.388	9.86	VS-388E
0.389	9.88	VS-389E
0.393	9.98	VS-393E
0.394	10.01	VS-394E
0.395	10.03	VS-395E
0.403	10.24	VS-403E
0.404	10.26	VS-404E
0.405	10.29	VS-405E
0.406	10.31	VS-406E
0.407	10.34	VS-407E
0.417	10.59	VS-417E
0.418	10.62	VS-418E
0.419	10.64	VS-419E
0.432	10.97	VS-432E
0.433	11	VS-433E
0.434	11.02	VS-434E
0.435	11.05	VS-435E

DIAMETER		
in.	mm	PILOT No.
0.435	11.05	VS-435L
0.436	11.07	VS-436E
0.436	11.07	VS-436L
0.437	11.1	VS-437E
0.437	11.1	VS-437L
0.438	11.13	VS-438E
0.438	11.13	VS-438L
0.451	11.45	VS-451L
0.452	11.48	VS-452L
0.453	11.51	VS-453L
0.454	11.53	VS-454L
0.472	11.99	VS-472E
0.473	12.01	VS-473E
0.474	12.04	VS-474E
0.497	12.62	VS-497L
0.498	12.65	VS-498E
0.498	12.65	VS-498L
0.499	12.67	VS-499E
0.499	12.67	VS-499L
0.5	12.7	VS-500E
0.5	12.7	VS-500L
0.501	12.73	VS-501E
0.502	12.75	VS-502E
0.503	12.78	VS-503E
0.504	12.8	VS-504E
0.505	12.83	VS-505E
0.506	12.85	VS-506E

Top diameter
.236”/5.99mm



DIAMETER		PILOT NO.	DIAMETER		PILOT NO.	DIAMETER		PILOT NO.	DIAMETER		PILOT NO.
IN.	MM		IN.	MM		IN.	MM		IN.	MM	
0.157	4	CVP-157	0.197	5	CVP-197	0.235	5.97	CVP-235	0.257	6.53	CVP-257
0.158	4.01	CVP-158	0.198	5.03	CVP-198	0.236	5.99	CVP-236	0.258	6.55	CVP-258
0.176	4.47	CVP-176	0.215	5.46	CVP-215	0.237	6.02	CVP-237	0.259	6.58	CVP-259
0.177	4.5	CVP-177	0.216	5.48	CVP-216	0.238	6.05	CVP-238	0.26	6.6	CVP-260
0.178	4.52	CVP-178	0.217	5.51	CVP-217	0.239	6.07	CVP-239	0.276	7.01	CVP-276
0.195	4.95	CVP-195	0.218	5.54	CVP-218	0.24	6.09	CVP-240	0.277	7.03	CVP-277
0.196	4.98	CVP-196	0.234	5.94	CVP-234	0.256	6.5	CVP-256			

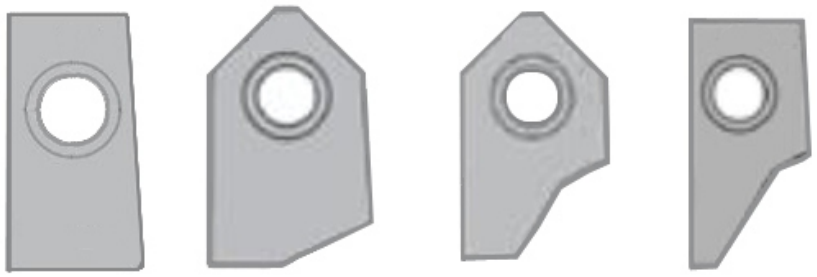
Live Carbide Pilot

9.52mm/.375"

Suitable for all live pilot system, Serdi and Serdi copy machine.

3.50 mm to 3.595 mm	6.20 mm to 6.295 mm	8.90 mm to 8.995 mm	11.60 mm to 11.695 mm
3.60 mm to 3.695 mm	6.30 mm to 6.395 mm	9.00 mm to 9.095 mm	11.70 mm to 11.795 mm
3.70 mm to 3.795 mm	6.40 mm to 6.495 mm	9.10 mm to 9.195 mm	11.80 mm to 11.895 mm
3.80 mm to 3.895 mm	6.50 mm to 6.595 mm	9.20 mm to 9.295 mm	11.90 mm to 11.995 mm
3.90 mm to 3.995 mm	6.60 mm to 6.695 mm	9.30 mm to 9.395 mm	12.00 mm to 12.095 mm
4.00 mm to 4.095 mm	6.70 mm to 6.795 mm	9.40 mm to 9.495 mm	12.10 mm to 12.195 mm
4.10 mm to 4.195 mm	6.80 mm to 6.895 mm	9.50 mm to 9.595 mm	12.20 mm to 12.295 mm
4.20 mm to 4.295 mm	6.90 mm to 6.995 mm	9.60 mm to 9.695 mm	12.30 mm to 12.395 mm
4.30 mm to 4.395 mm	7.00 mm to 7.095 mm	9.70 mm to 9.795 mm	12.40 mm to 12.495 mm
4.40 mm to 4.495 mm	7.10 mm to 7.195 mm	9.80 mm to 9.895 mm	12.50 mm to 12.595 mm
4.50 mm to 4.595 mm	7.20 mm to 7.295 mm	9.90 mm to 9.995 mm	12.60 mm to 12.695 mm
4.60 mm to 4.695 mm	7.30 mm to 7.395 mm	10.00 mm to 10.095 mm	12.70 mm to 12.795 mm
4.70 mm to 4.795 mm	7.40 mm to 7.495 mm	10.10 mm to 10.195 mm	12.80 mm to 12.895 mm
4.80 mm to 4.895 mm	7.50 mm to 7.595 mm	10.20 mm to 10.295 mm	12.90 mm to 12.995 mm
4.90 mm to 4.995 mm	7.60 mm to 7.695 mm	10.30 mm to 10.395 mm	13.00 mm to 13.095 mm
5.00 mm to 5.095 mm	7.70 mm to 7.795 mm	10.40 mm to 10.495 mm	13.10 mm to 13.195 mm
5.10 mm to 5.195 mm	7.80 mm to 7.895 mm	10.50 mm to 10.595 mm	13.20 mm to 13.295 mm
5.20 mm to 5.295 mm	7.90 mm to 7.995 mm	10.60 mm to 10.695 mm	13.30 mm to 13.395 mm
5.30 mm to 5.395 mm	8.00 mm to 8.095 mm	10.70 mm to 10.795 mm	13.40 mm to 13.495 mm
5.40 mm to 5.495 mm	8.10 mm to 8.195 mm	10.80 mm to 10.895 mm	13.50 mm to 13.595 mm
5.50 mm to 5.595 mm	8.20 mm to 8.295 mm	10.90 mm to 10.995 mm	13.60 mm to 13.695 mm
5.60 mm to 5.695 mm	8.30 mm to 8.395 mm	11.00 mm to 11.095 mm	13.70 mm to 13.795 mm
5.70 mm to 5.795 mm	8.40 mm to 8.495 mm	11.10 mm to 11.195 mm	13.80 mm to 13.895 mm
5.80 mm to 5.895 mm	8.50 mm to 8.595 mm	11.20 mm to 11.295 mm	13.90 mm to 13.995 mm
5.90 mm to 5.995 mm	8.60 mm to 8.695 mm	11.30 mm to 11.395 mm	14.00 mm to 14.095 mm
6.00 mm to 6.095 mm	8.70 mm to 8.795 mm	11.40 mm to 11.495 mm	14.10 mm to 14.195 mm
6.10 mm to 6.195 mm	8.80 mm to 8.895 mm	11.50 mm to 11.595 mm	14.20 mm to 14.295 mm

Valve Seat Cutter



THL top-quality carbide tips are CNC machined one at a time to ensure perfect angle accuracy and consistency. The finest quality carbide is also specially treated to make the cutting edges of the tips as strong as possible.

THL Carbide Tips can be used with all current 3-angle seat cutting systems, as well as Newen, Serdi and Rottler machines.

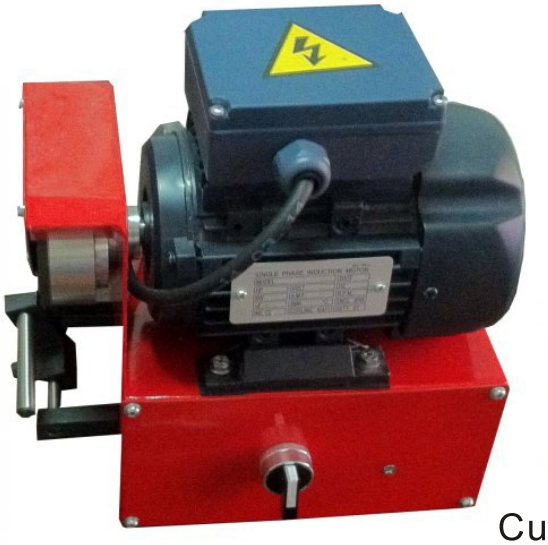
TA1-4028	45 30 60	1.0 mm, .039"	1.2 mm, .047"
TA1-1102	45 25 60	1.0 mm, .039"	1.4 mm, .055 "
TA1-4030	45 35 55	1.0 mm, .039"	1.6mm, .063"
TA1-4031	45 35 60	1.0 mm, .030"	1.6mm, .063"
TA1-1103	45 25 60	1.0 mm, .039"	1.8 mm, .071"
TA1-4032	45 30 60	1.3 mm, .051"	1.0 mm, .039"
TA1-4034	45 30 52	1.3 mm, .051"	2.0 mm, .079"
TA1-4035	45 30 60	1.3 mm, .051"	2.0 mm, .079"
TA1-4033	45 37 52	1.3 mm, .051"	2.0 mm, .079"
TA1-4036	45 30 60	1.4 mm, .055"	1.0 mm, .039"
TA1-4003	45 25 60	1.5 mm, .059"	1.4 mm, .055 "
TA1-4038	45 30 60	1.5 mm, .059"	1.8 mm, .071"
TA1-4039	45 30 60	1.6 mm, .063"	1.0 mm, .039"
TA1-4040	45 30 60	1.6 mm, .063"	2.0 mm, .079"
TA1-4041	45 30 60	1.8 mm, .071"	1.6 mm, .063"
TA1-4042	45 30 60	1.9 mm, .075"	2.0 mm, .079"
TA1-4043	45 30 60	2.0 mm, .079"	1.2 mm, .047"
TA1-1202	45 25 60	2.0 mm, .079"	1.4 mm, .055 "
TA1-1252	45 25 60	2.5 mm, .098"	1.4 mm, .055 "
TA1-3062	30 20 52	1.0 mm, .039"	1.6 mm, .063"
TA1-3023	30 15 45	1.3 mm, .051"	1.0 mm, .039"
TA1-2152	30 15 60	1.5 mm, .059"	1.4 mm, .055 "
TA1-2153	30 15 60	1.5 mm, .059"	1.8 mm, .071"
TA1-3024	30 0 60	1.5 mm, .059"	2.0 mm, .079"
TA1-3025	30 20 60	1.5 mm, .059"	3.0 mm, .118"
TA1-3026	30 15 45	1.6 mm, .063"	2.0 mm, .079"
TA1-3027	30 15 60	1.8 mm, .071"	1.4 mm, .055 "
TA1- 3072	30 15 45	1.9 mm, .075"	1.0 mm, .039"
TA1- 3029	30 15 60	1.9 mm, .075"	2.0 mm, .079"
TA1-2202	30 15 60	2.0 mm, .079"	1.4 mm, .055 "
TA1-3032	30 15 60	2.5 mm, .098"	2.0 mm, .079"

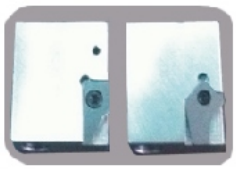
Vacumm Tester HD45

Test your heads for leaking valves, valve seats and valve guides quickly and easily.
Power Supply: gas 0.6mpa
Weight: 3kg-6kg/depending on disc pads
Dimension: 500x200x260mm
Vacuum disc pad: 2",3",4",5",6"

Cutter Sharpener

VT－10





Cutter holder pad

Cutter sharpener for valve seat cutter, pilot 9. 525/9. 78/9. 89mm available.
Cutter holder pad is optional.

Bubble Level

Bubble level for serdi/sunnen and other machine
Fit for 9.88/9.85/9.75 etc pilot

Crankshaft Polisher

CPA100

Machine Features

This air-operated crankshaft polisher features a high-torque output air motor that is designed to handle the toughest jobs in your shop.
And because this polisher is air-operated, you won't have to worry about purchasing a replacement motor due to abrasive dust build up on the armature and brushes, a common problem with electrical units.
Also cheaper to operate and safer to use than electrical units.

Standard
Belt: 1"x64" ,240 Gird
1"x64" ,320 Gird
1"x64" ,400 Gird

Packing
Dimension: 990x460x260mm weight:6.5kg

Dowel Puller

DP600

Machine Features

Pulls all 1/4", 5/16", 3/8" and 7/16" automotive head and block dowels, as well as flywheel dowel pins. Optional extractor heads are also available to pull other size dowels.

Part No.	Description		Part No.	Part No. Description
DP-600	**DOWEL PULLER KIT**		**DP-600M**	**METRIC DOWEL PULLER KIT**
	Extractor head sizes: 1/4", 5/16", 3/8" & 7/16"			Extractor head sizes: 4mm, 5mm, 6mm & 8mm.
	Includes one of each listed below.			Includes the same tooling as DP-600.
DPO-001	Slide Hammer Shaft		**DPO-001**	Slide Hammer Shaft
DPO-002	Slide Hammer		**DPO-002**	Slide Hammer
DPO-003	Squeeze Collar		**DPO-003**	Squeeze Collar
DPO-021	Dowel Retrieving Stud		**DPO-021**	Dowel Retrieving Stud
D-601B	1/4" Extractor Head		**D-601N**	4mm (.156")
D-601C	5/16" Extractor Head		**D-601O**	5mm (.197")
D-601D	3/8" Extractor Head		**D-601P**	6mm (.236")
D-601E	7/16" Extractor Head		**D-601J**	8mm (.315")
OPTIONAL EXTRACTOR HEADS				
D-601A 3/16" (.188")			**D-601N** 4mm (.156")	
D-601F 9/16" (.562")			**D-601O** 5mm (.197")	
D-601G 5/8" (.625")			**D-601P** 6mm (.236")	
D-601H 1/2" (.500")			**D-601I** 7mm (.275")	
D-601R .640"			**D-601J** 8mm (.315")	
D-601D .675"			**D-601W** 10mm (.394")	
D-601Q 11/16" (.687")			**D-601M** .735"	
D-601T 3/4" (.750")			**D-601S** .800"	

Connecting Rod Heater And Portable Press

CRH60/TY06

Main specifications

Model	Unit	CRH60
Maximum heating diameter	mm	Φ60
Maximum heating depth	mm	60
Voltage (Single phase)	V	220
Time-control scope	minutes	0~15
Overall dimensions (L×W×H)	mm	500×430×440
Packing dimensions (L×W×H)	mm	550×500×500
N.W. / G.W.	kg	25 / 32

CRH60

Model	Unit	TY06
Spindle travel	mm	0-200
Rating press	Kn	60
Motor power	Kw	2.2
Voltage	V	3-380
Frequency	Hz	50
Overall dimensions(L×W×H)	mm	770×350×1100
Packing dimensions(L×W×H)	mm	1010×430×930
N.W/G.W.	kg	200/220

TY06

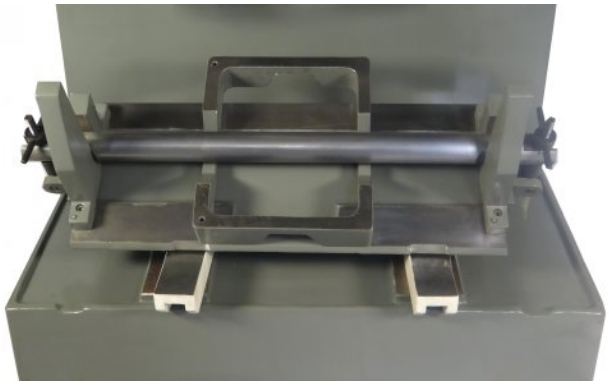
Dual Axis Leveling Table

Study from Rottler levelint table, designed for milling of cylinder head, put on surface milling machine.

Dual Axis Leveling Table allows clamping tobe completed first – then the level to be quickly adjustedin both directions – simply by rotating the two hand wheels– fast and rigid!

working table dimension: 760x380mm
flip degree +25~-30
left and right degree ±3° packing dimension: 90*52*36CM
weight 176kg

V Cylinder Fixture



30°and 45° V Cylinder Fixture include 30°and 45°setup square.

Universal Support

Applicable for V cylinder and cylinder head, for purpose of surface grinding/milling.

Boring Tips Height Indicator
THL-PJ1

Measuring range:
Ø45mm- Ø75mm (with Ø32mm arbor)
Ø58mm- Ø150mm (with Ø45mm arbor)
Graduation: 0.01mm

Centering Indicator
THL-PJ3

Measuring range.
Ø 45mm - Ø 75mm(with Ø 32mm arbor)
Ø 58mm - Ø 150mm(with Ø 45mm arbor)
Graduation: 0.01mm

Dial Bore Gauge For Line Boring Machine
THL-PJ2

Measuring range:
0-100mm Model A
0-200mm Model B
above 200mm, customorized.

Travel of main measuring tip:
1.5mm graduation of indicator:
0.01mm

Micrometer for Boring Cutter

110901 T807/T808
110902 T8014
110903 T8016