

Special Tools for VOLKSWAGEN

and Other European Machines



BELZER TOOLS

747 SEWARD STREET, LOS ANGELES, CALIFORNIA 90038
TELEPHONE: (213) 463-9377

This catalog celebrates our 11th year of serving the automobile industry.

Our company is grateful for your continued loyalty, and will continue to work for you and with you.

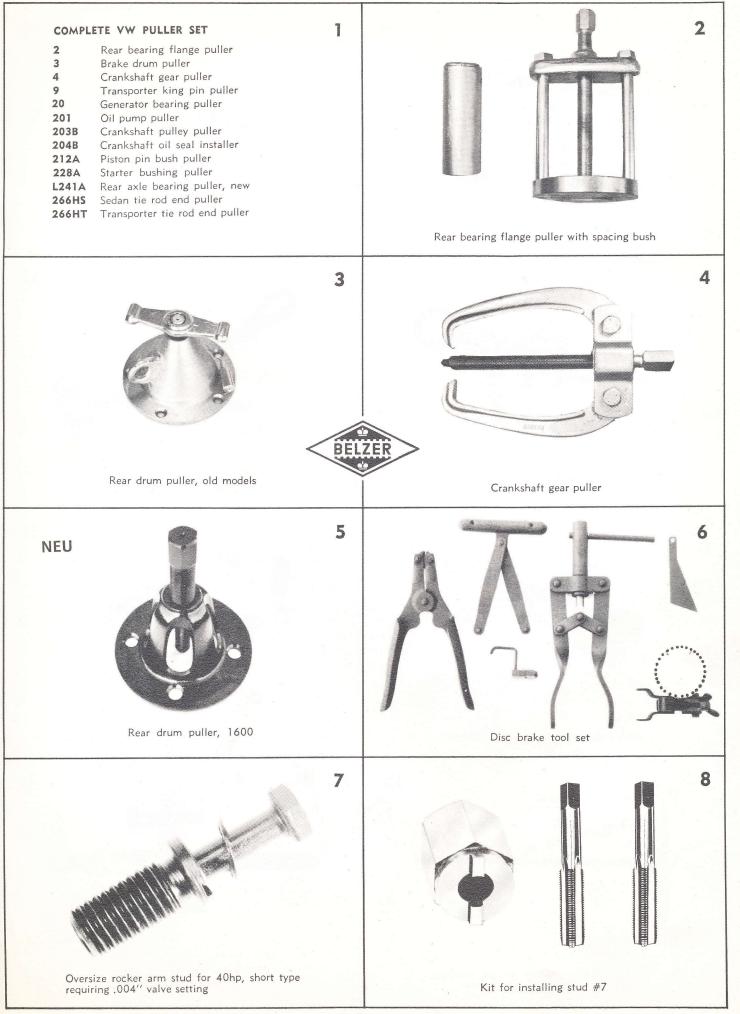
These designs and prices supersede all previous ones; as we continue to upgrade our products, we do reserve the right to modify these prices without formal notice.

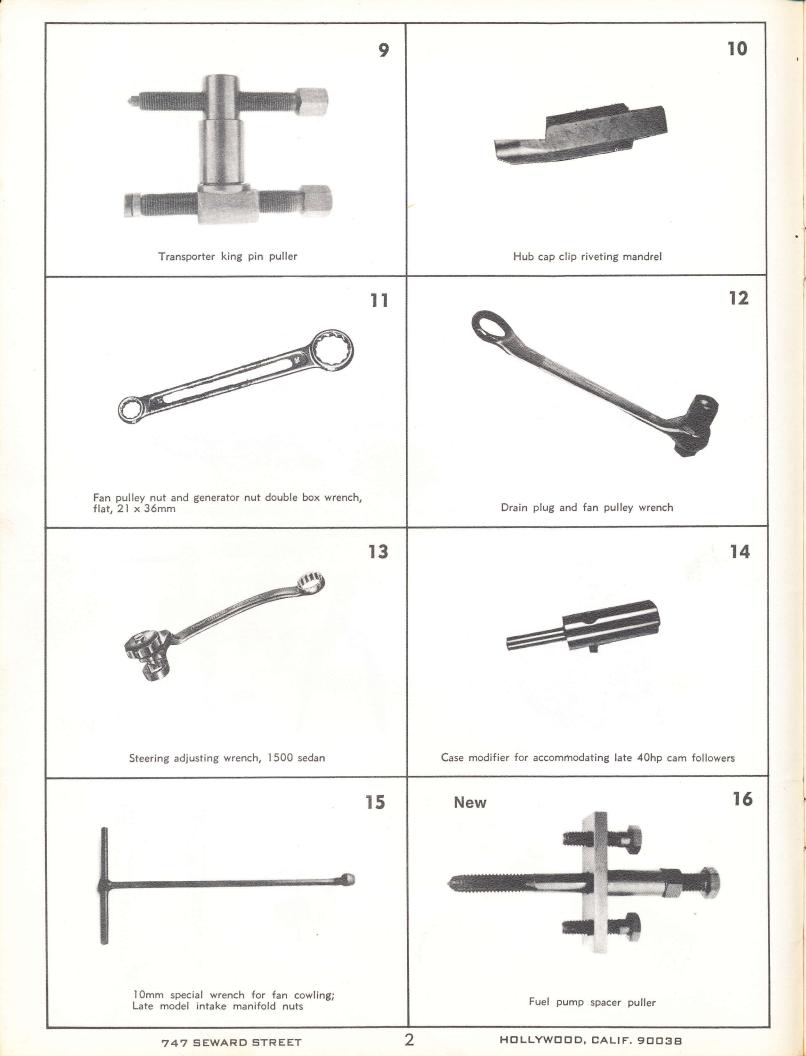
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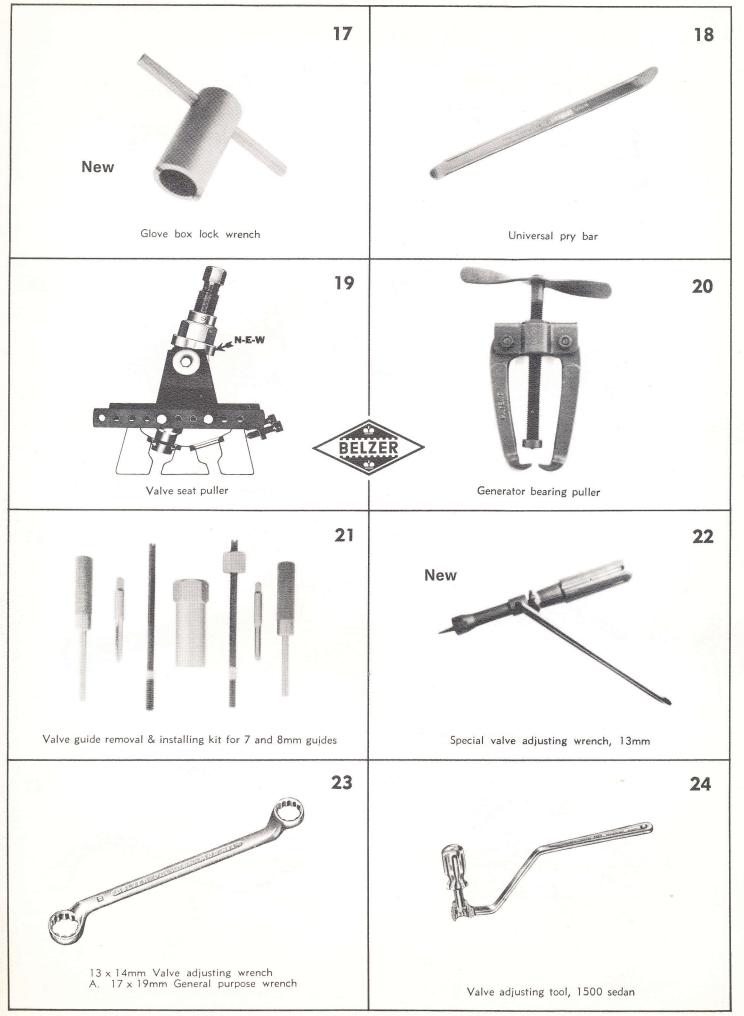
Normal terms are C.O.D., F.O.B., Los Angeles, Calif.

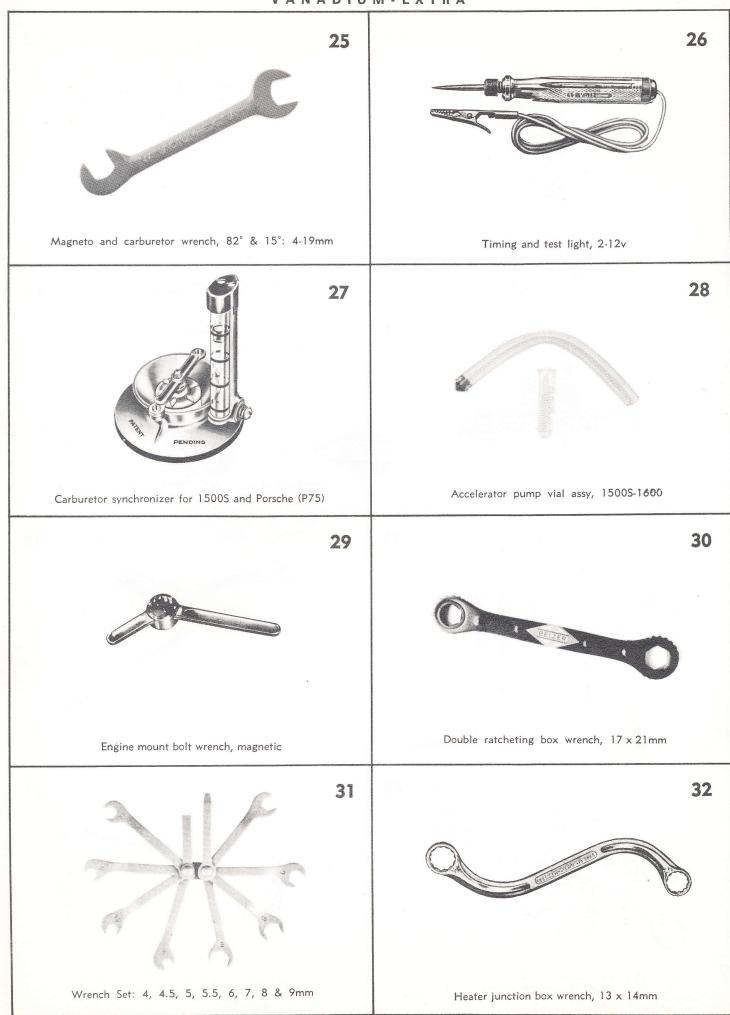
Minimum order \$10.00, shipping by best method.

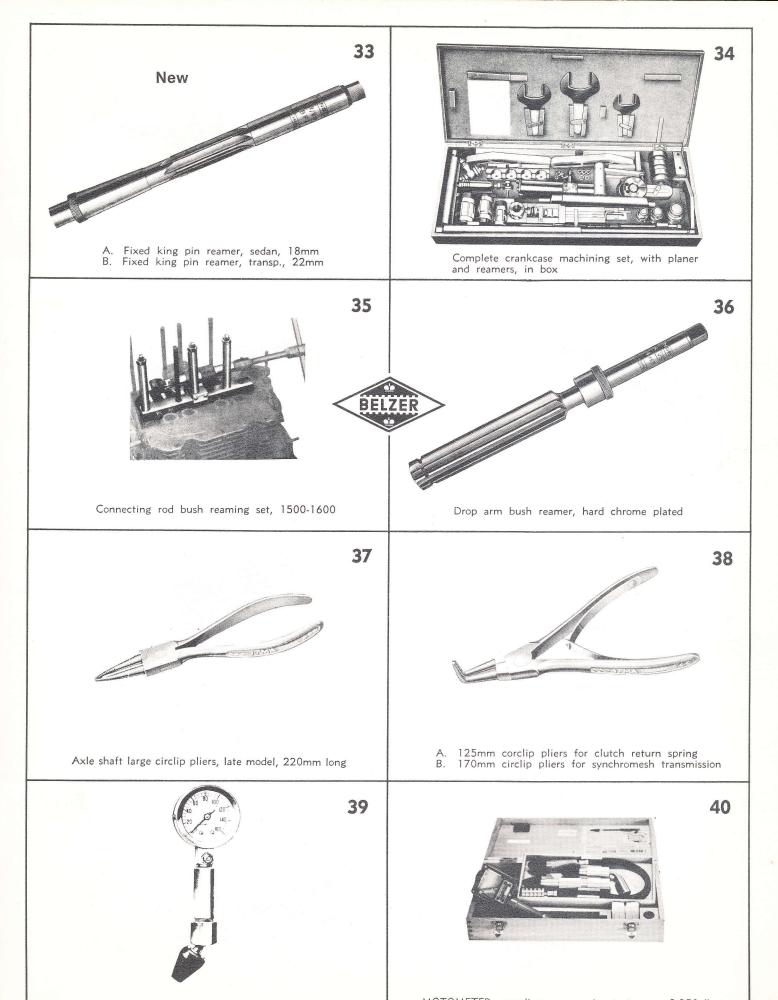
California residents please include 5% tax.





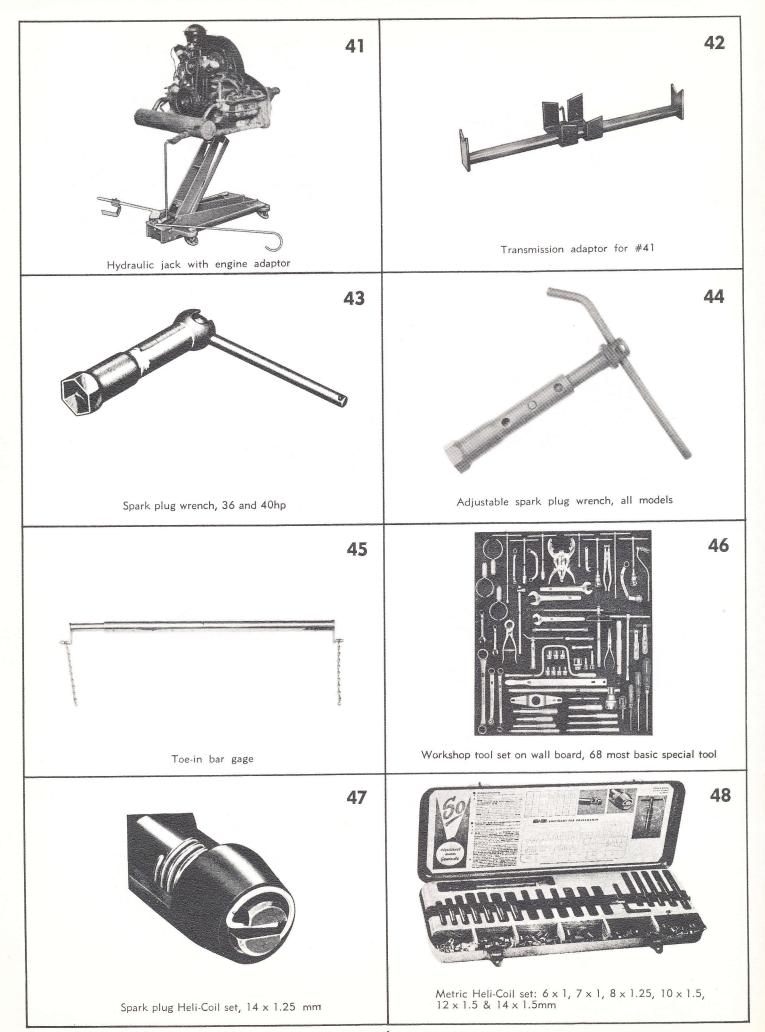




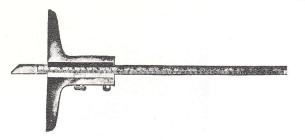


MOTOMETER recording compression testor set, 0-250 lbs. in box. Cards and parts on request

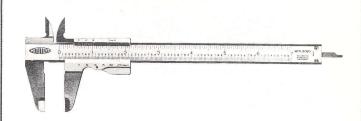
Compression testor for all models including Porsche, 0-300 lbs.



56



A. 150mm Depth caliper .1mm B. 200mm Depth caliper .1mm C. 250mm Depth caliper .1mm



A. 120mm Vernier caliper .1mm
B. 150mm Vernier caliper .02mm x .001"
C. 200mm Vernier caliper .02mm x .001"
D. 250mm Vernier capiler .02mm x .001"

51



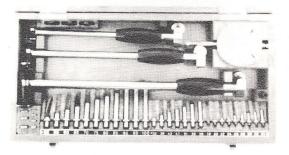
A. 0-15 Micrometer .01mm
B. 0-25 Micrometer .001mm carbide tips
C. 25-50 Micrometer .01mm carbide tips
D. 50-75 Micrometer .01mm carbide tips
E. 75-100 Micrometer .01mm carbide tips
F. 0-100 Micrometer .01mm Micrometer .001mm carbide tips Micrometer .001mm carbide tips



Metric dial gage .01mm x 10mm

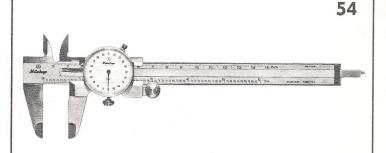
53

BELZER



Original SUBITO bore gage, 18-100mm

A. Cylinder bore gage set, 50-100mm

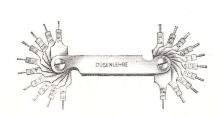


Metric dial caliper, hardened, stainless, 150mm

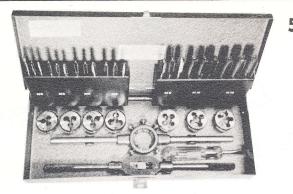
55



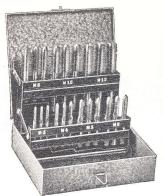
Metric jet reamer set, .6-1.9mm



A. Metric jet gage, .45-1.5mm B. Metric jet gage, 1.5-3.0mm



Gewindeschneidzeug, kompl., im Kasten Inhalt: M 3, 4, 5, 6, 8, 10, 12 mm WS Taps and dies, 1-35mm, on request



60

62

Gewindebohrer, kompl. im Kasten Inhalt: M3, 4, 5, 6, 8, 10, 12 mm



6x1 for Oil strainer cover

8x1 for Rocker arm adjusting screw 8x1.25 for Muffler stud 10x1 for Oil pressure & lite switches

10x1.5 for Cylinder case stud 12x1.5 for Oversize case stud & sedan wheel lug

G.

14x1.25 for Spark plug 14x1.5 for Transporter wheel lug

18x1.5 for Oil drain plug & spark plug sleeve 20x1.5 for Crankshaft, pulley end 28x1.5 for Crankshaft, flywheel end



7x1 for Starter armature shaft 12x1.5 for Generator armature shaft

C.

16x1.5R for Stub axle, 1500-1600, right
16x1.5L for Stub axle, 1500-1600, left
18x1R for Stub axle, 1500 transporter, right
18x1L for Stub axle, 1500 transporter, left

22x1.5R for Stub axle, old transporter, right 22x1.5L for Stub axle, old transporter, left 24x1.5 for Rear axle, all sedans & old Transporter 30x1.5 for Rear axle, 1500 transporter

61

59



Metric feeler gage set

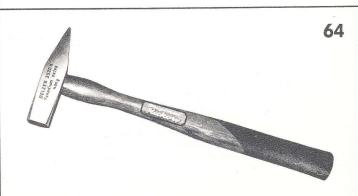


Metric feeler gage strips, 300mm long: .100, .150, .200, .300mm

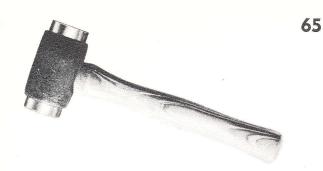
63



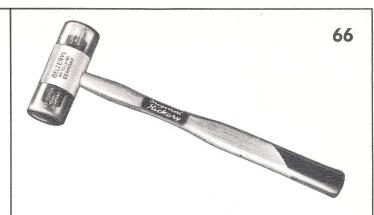
Metric valve guide reamers, HSS, 6, 7, 8, 9, 10, 12mm



German hammer: 100, 200, 300, 400, 500, 600, 800, 1,000 g.



Copper hammer for separating cases and for knock-off wheel nuts, $2 \, \text{kg}$.



Nylon head hammer: 22, 27, 32, 35, 40, 50, 60, 75mm across face

A product of the BELZER-WORKS from Chrome-Vanadium Steel Best Quality guarenteed.

68

70

72



A. Metric allen set in plastic roll:
3, 4, 5, 6, 8, 10, 12, 14 & 17mm
B. Set: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12mm



M. Combination wrench set in roll, 6-22mm inclusive A. Same, 1/4" through 3/4" by 1/16" American E. Same, BSW 1/8" through 5/8" by 1/16" English

69

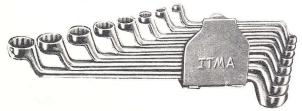


Metric $1/4^{\prime\prime}$ drive socket set in metal box, 4-14mm with 4.5 and 5.5mm



Metric $3/8^{\prime\prime}$ drive socket set in metal tray, 9-22mm, 6 or 12-point.

71



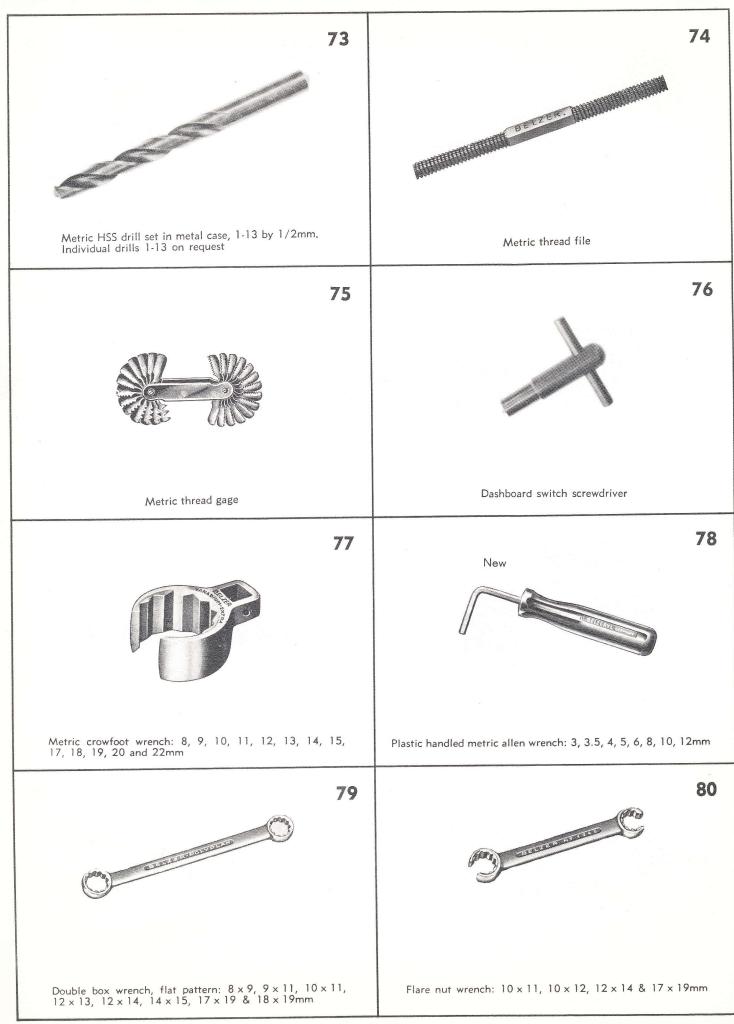
EIN PRODUKT DES BELZER-WERKES aus CHROM-VANADIUM-Stahl in bester Ausführung mit Garantie-Erklärung

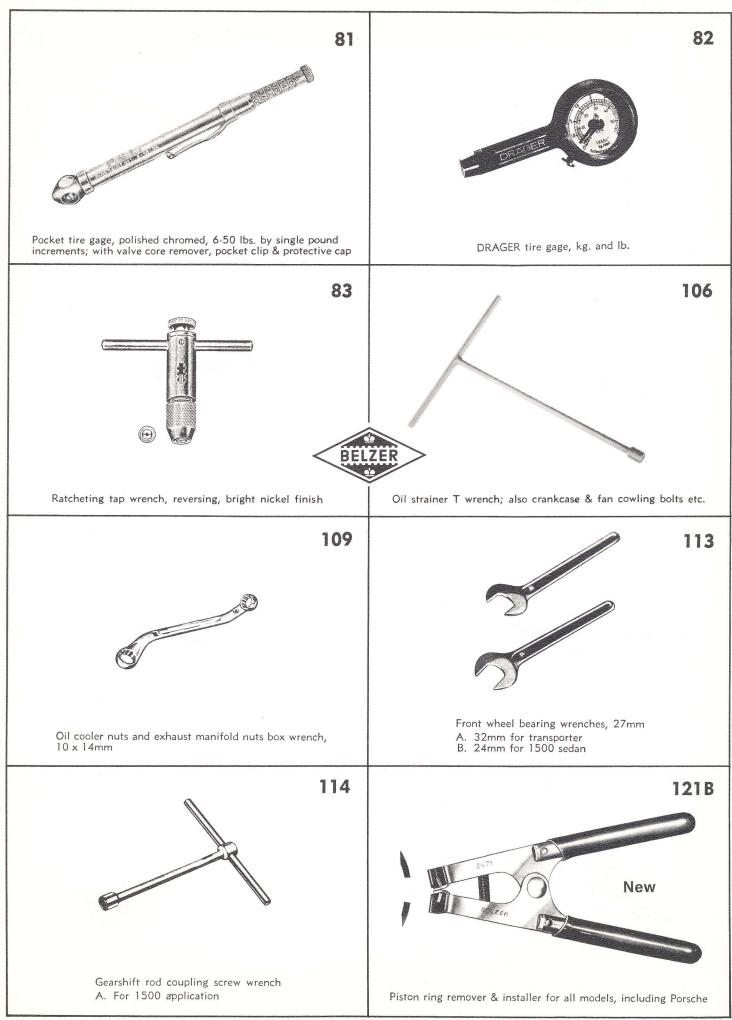
Metric double box wrench set, 6-22mm

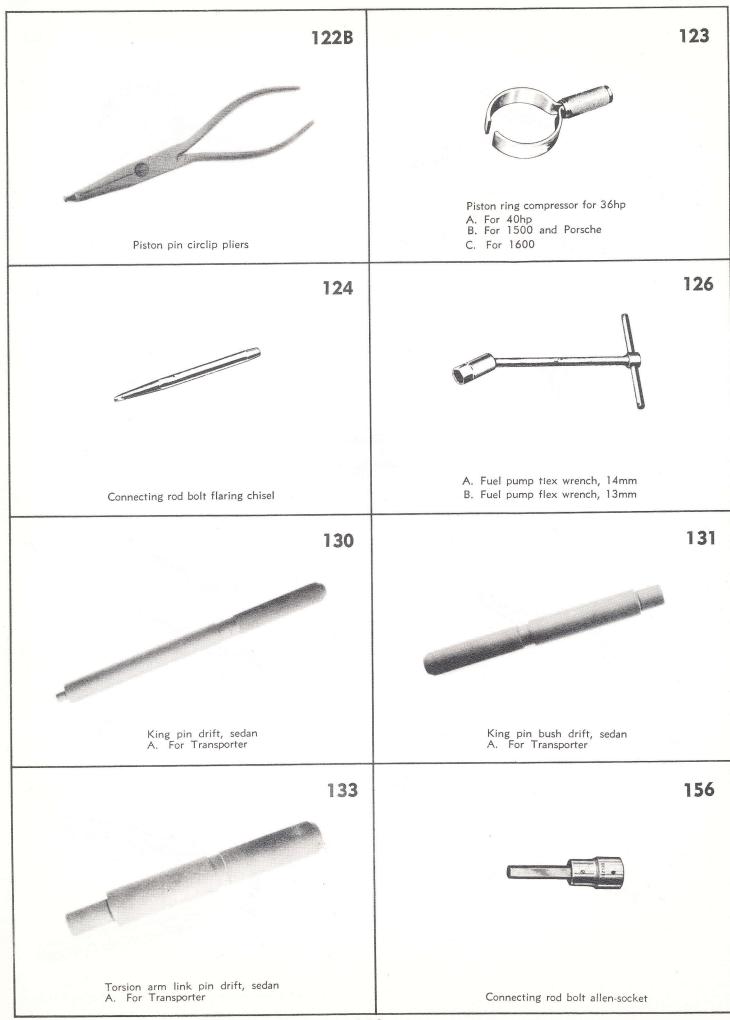


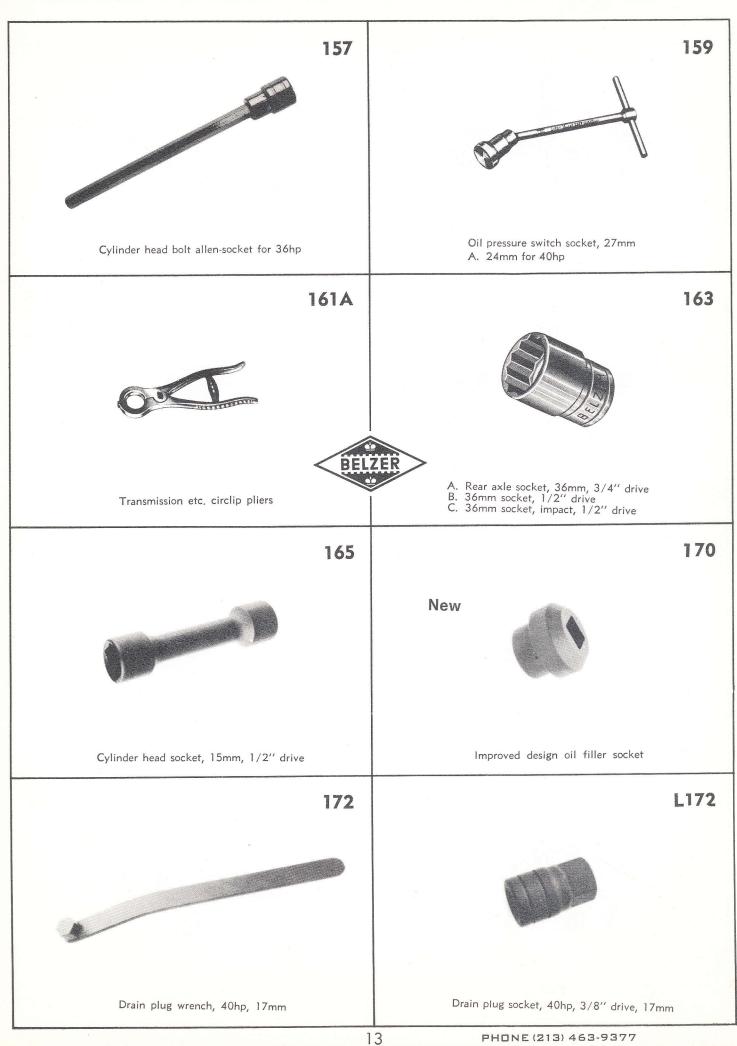
Un produit des Usines BELZER en Acier au Chrome-Vanadium, Première Qualité. Garantie contre tous vices de fabrication et de matériaux.

Metric double open wrench set 6-22mm

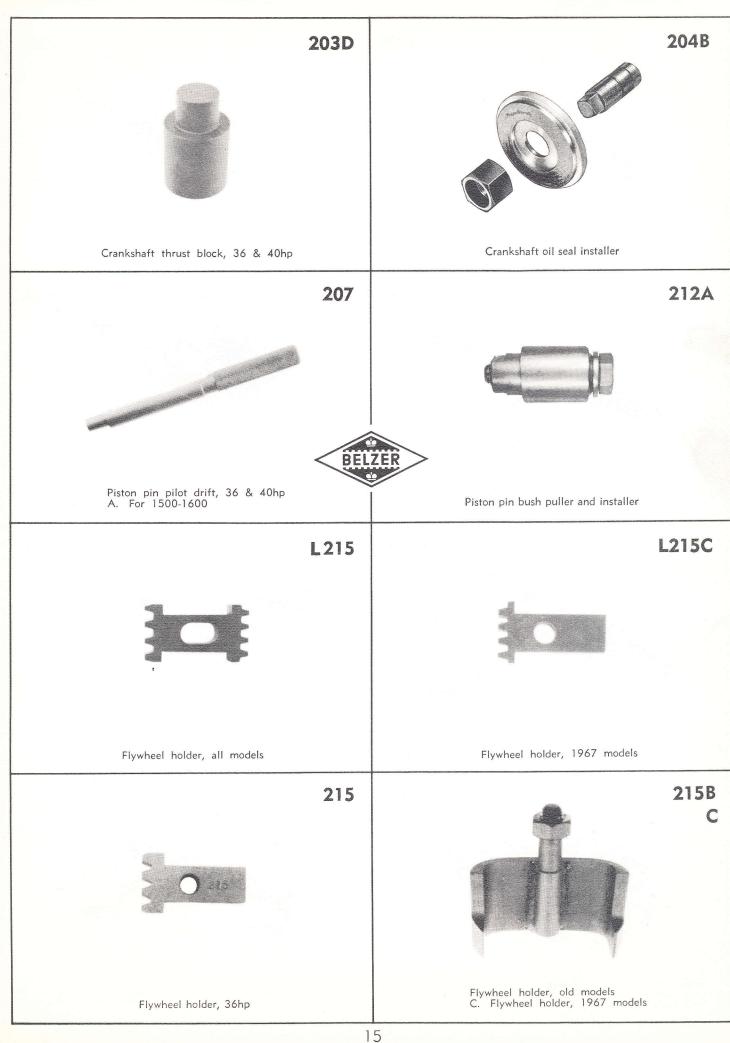








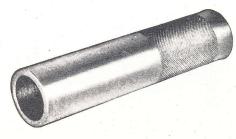








Driver for installing driven gear inner ball bearing in transporter reduction gear case & inner front wheel bearing outer ball race, transporter



Driving sleeve for installing sedan inner front wheel bearing spacer and outer wheel bearing inner race



266H



- S. Tie rod end puller, sedan
- T. Tie rod end puller, transporter

270

278A

287A

293

- Torsion arm offset gage, sedan
- For Transporter For 1500 Transporter

277

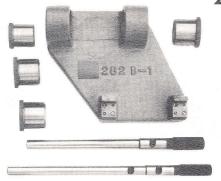


Roller-type steering nut wrench



Roller-type steering adjuster

282B-1



Test fixture for checking twist and parallel of torsion arms, old and late model sedans and transporters: enlarged set

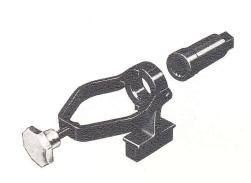


Differential housing length gage, 40hp

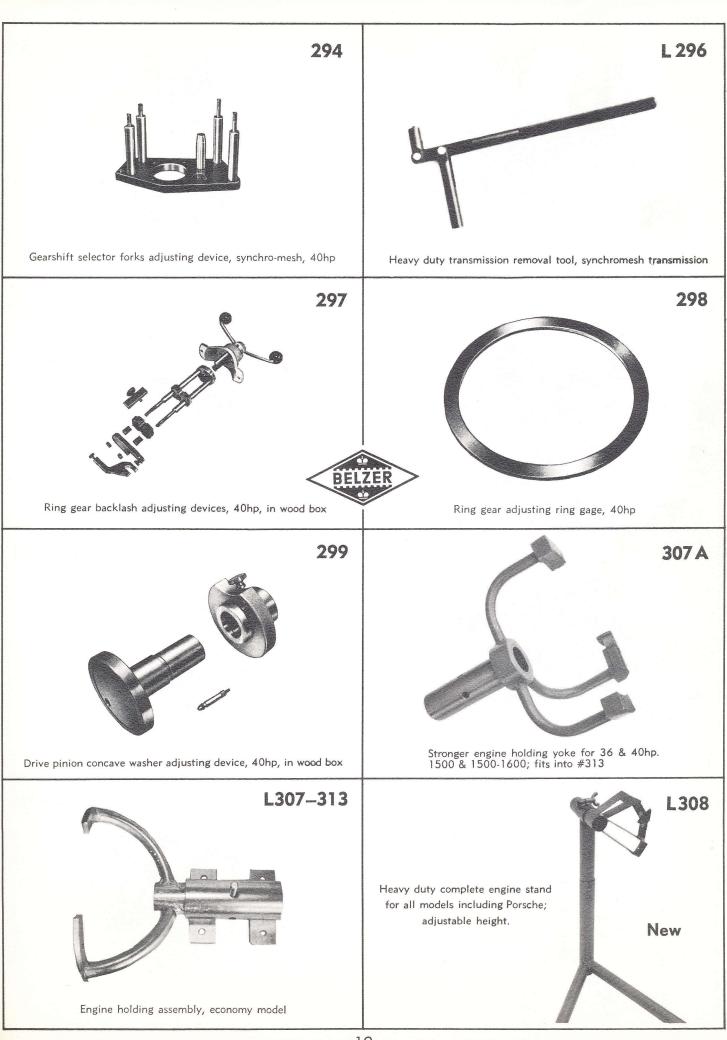
289D

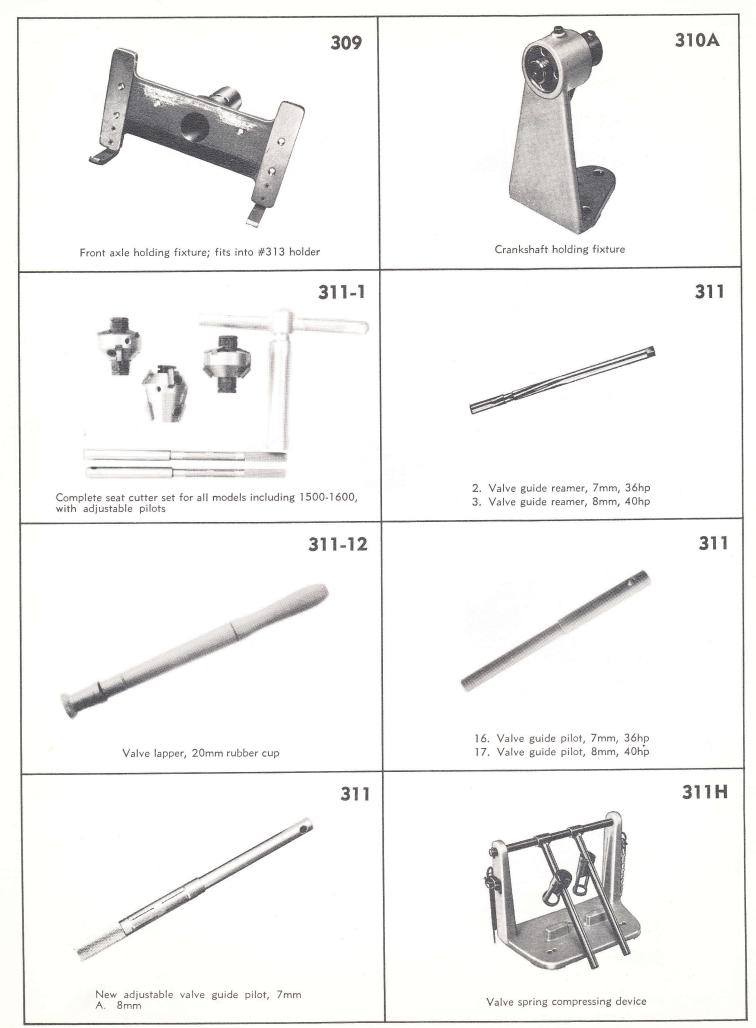


Transmission case mandrel gage, 40hp, in wood box

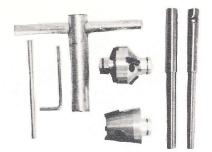


Drive pinion holding fixture, 40hp

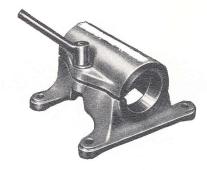








Fabulous valve seat cutter set including 7 and 8mm pilots; $15^\circ,\,45^\circ$ and 75° — Blades and other heads on request



Base vise for holding yoke #307; fits on #308A

328A

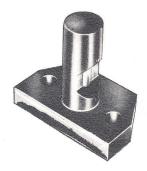


Fuel pump push rod gage, old models



Fuel pump diaphragm gage, old models

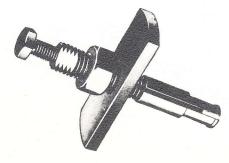
328C



Fuel pump push rod gage, late models

Fuel pump diaphragm gage, late models

228A



Puller for starter shaft bush and distributor drive pinion



Hydraulic press, 12 ton, hand operated, for #400 series tools which are available on request

21

400

313

328B

328D





Thrust plate for use on #400 press with other press tools



Thrust plate for various installations and extractions

405



Special press punch for straightening, use with #406



V-Blocks for pressing differential bearing from transmission case and general straightening





Mandrel for crank timing gear, axle shaft bearing housing, reduction gear case, 52mm outer front wheel bearing etc.



Mandrel for torsion arm link pin bush, starter shaft bush, clutch & brake pedal bush, piston pin bush, rear wheel oil seal etc.

409



Mandrel for torsion arm link pin bush, transmission case bearings, reverse sliding gear bush, inner 59mm front wheel brg. etc.

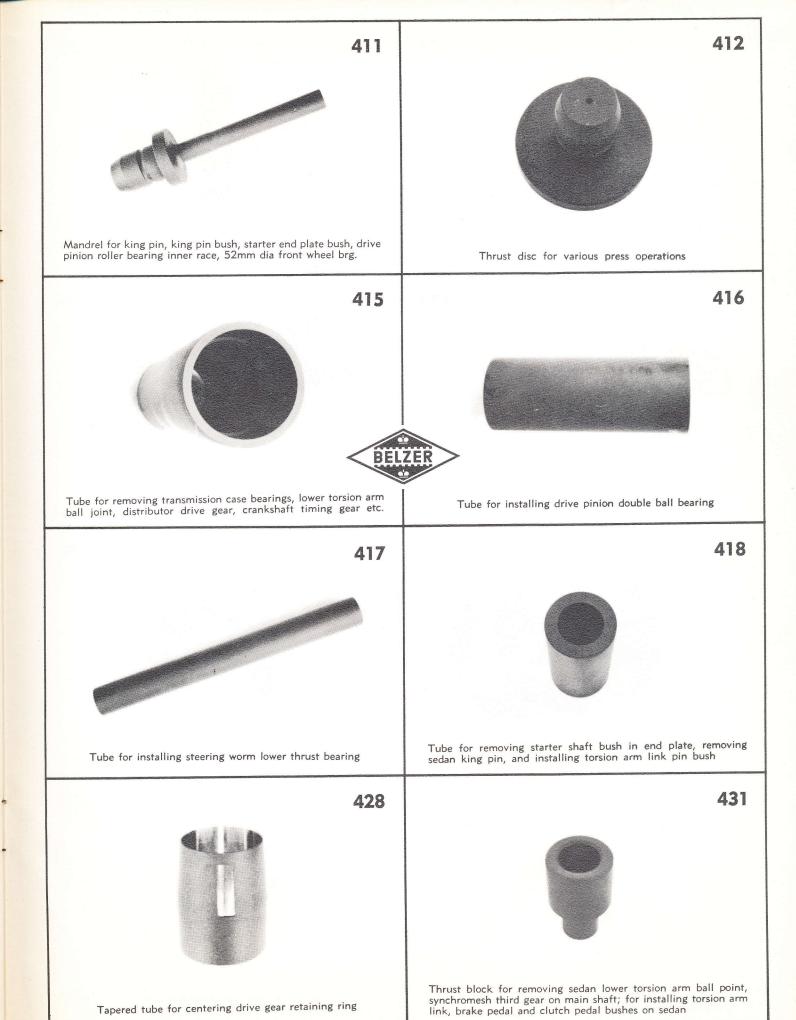
410

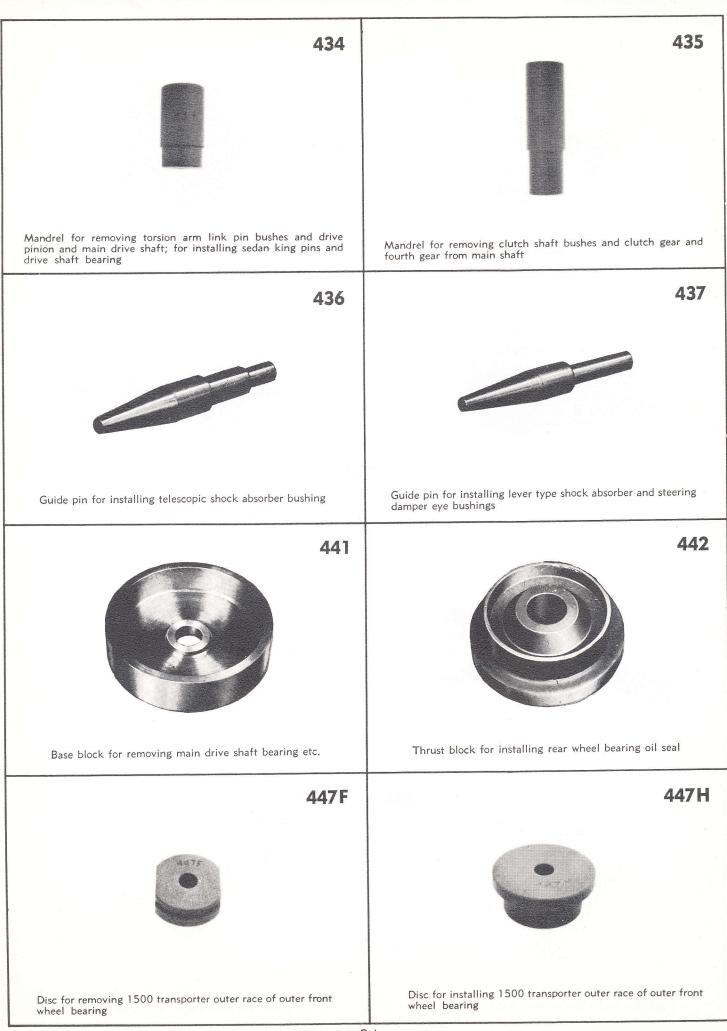
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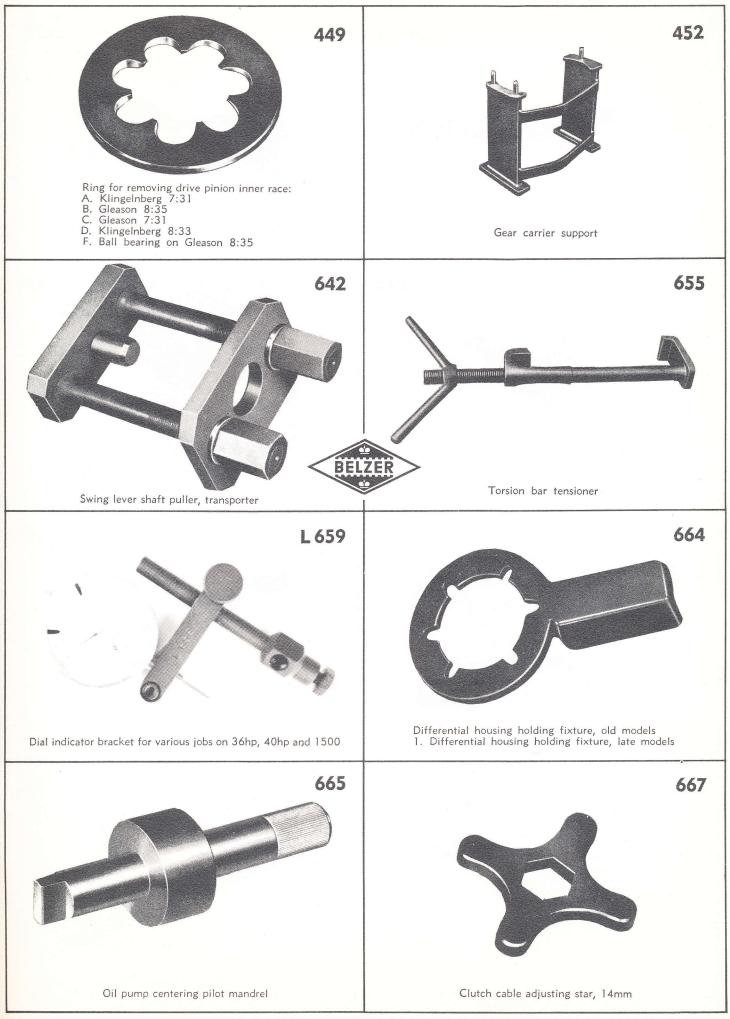
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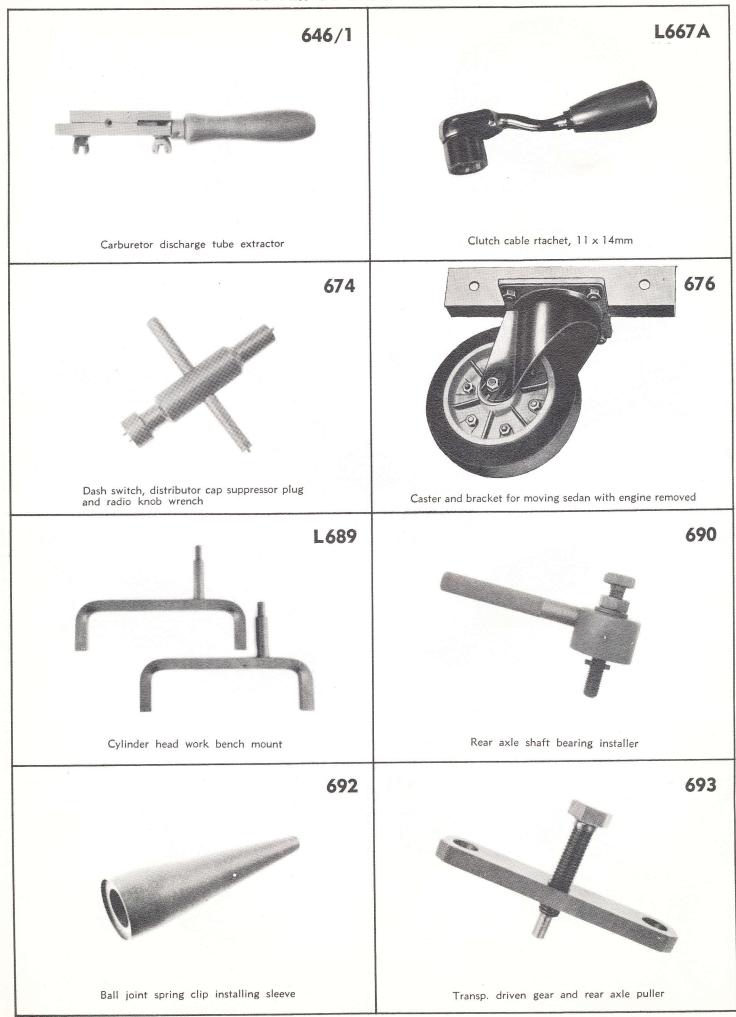


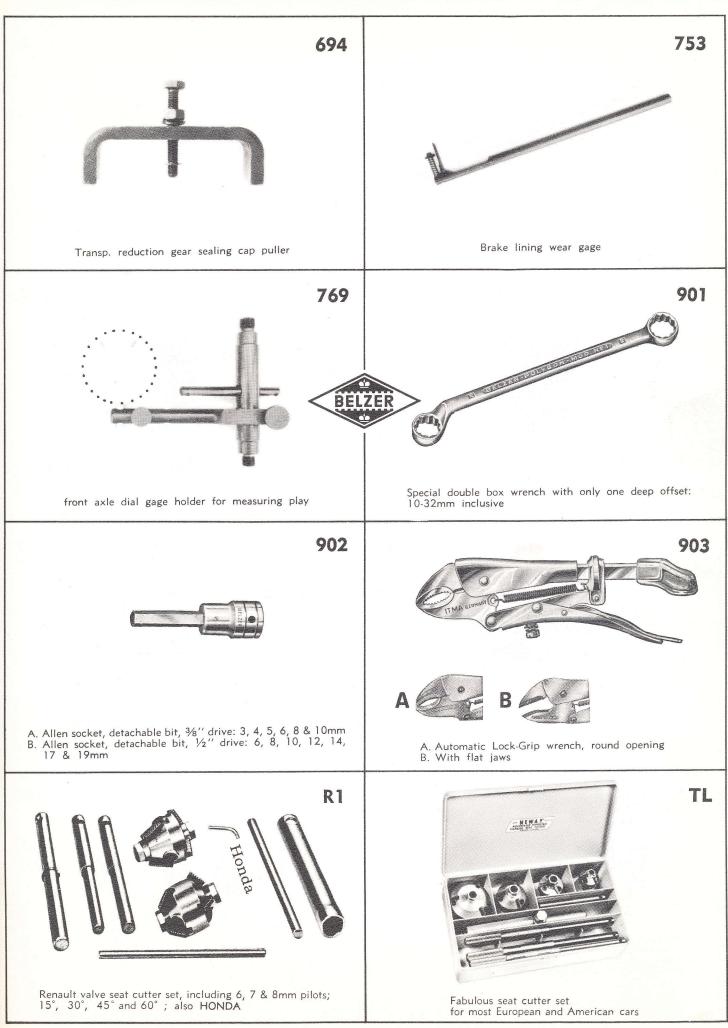
Mandrel for clutch pedal shaft bush, shock absorber bush, upper king pin, piston pin bush, lower torsion arm ball point etc.



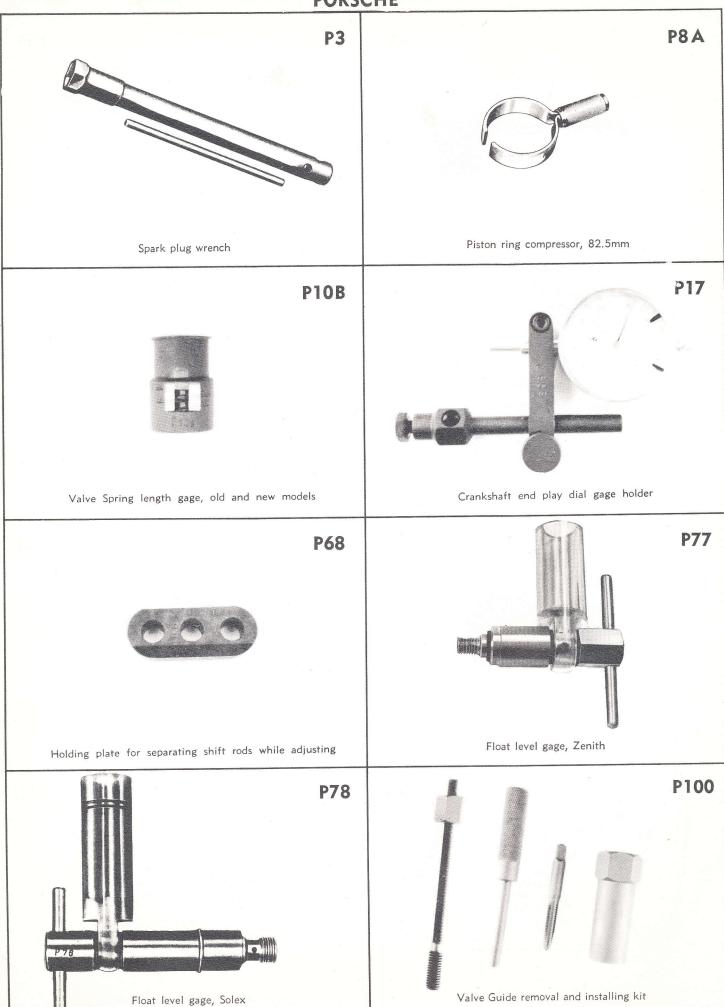




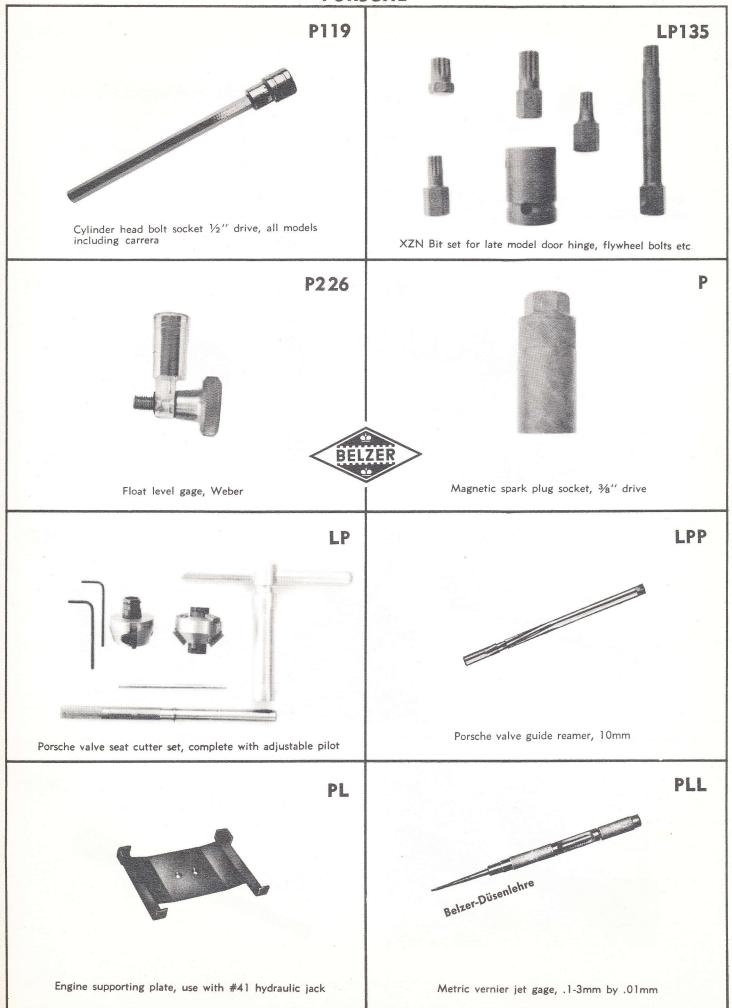




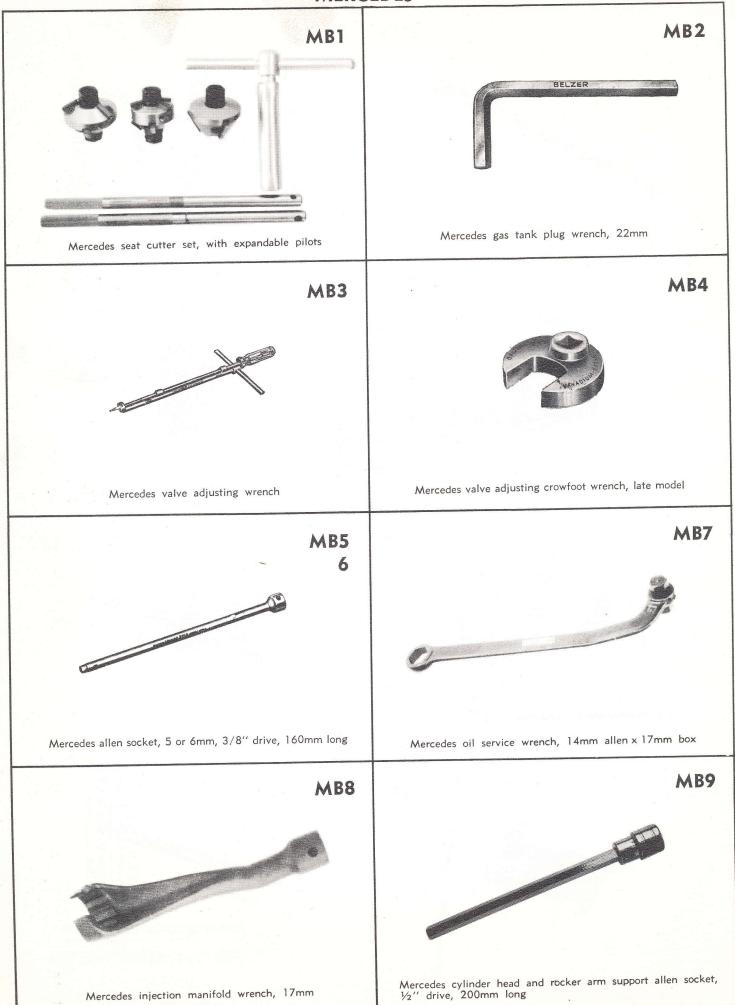
PORSCHE



PORSCHE



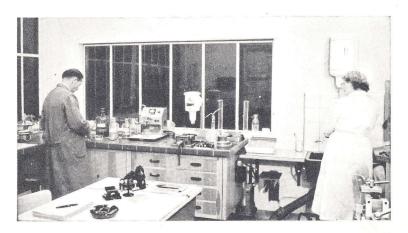
MERCEDES

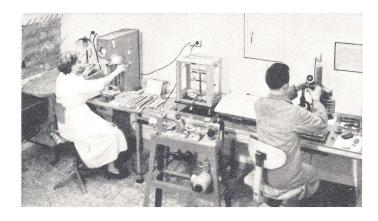




Das BELZER-Labor







Belzer Tools

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Die Qualitäts-Prüfstelle des BELZER-WERKES



