

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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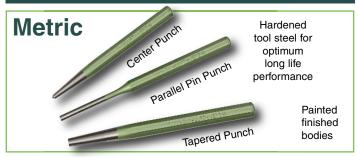
Wiha Quality Tools Germany



www.wihatools.com

227

Precision Machined Metric Punches





124 Heavy Duty Solid Tapered Metric Punches

Hardened tool steel punches, precision machined to exact tolerances. Heavy duty hex shanks, hardened for optimum long life performance. Painted finished bodies.

| Item | Tip | Tip | Shaft Diameter | | <u></u> | _ |
|--------|-----|-----------|----------------|-----|---------|------|
| No. | mm | Inch Dia. | mm | mm | lbs. | pkg. |
| 124 11 | 1 | .04 | 10 | 120 | .14 | 10 |
| 124 12 | 2 | .08 | 10 | 120 | .14 | 10 |
| 124 13 | 3 | .12 | 10 | 120 | .14 | 10 |
| 124 14 | 4 | .16 | 10 | 120 | .14 | 10 |
| 124 15 | 5 | .20 | 10 | 120 | .14 | 10 |
| 124 16 | 6 | .24 | 10 | 120 | .14 | 10 |
| 124 19 | 7 | .28 | 12 | 150 | .25 | 10 |
| 124 20 | 8 | .32 | 12 | 150 | .25 | 10 |
| 124 21 | 9 | .35 | 12 | 150 | .25 | 10 |
| 124 22 | 10 | .39 | 12 | 150 | .25 | 10 |
| 124 23 | 12 | .47 | 14 | 150 | .39 | 10 |
| 124 24 | 14 | .55 | 16 | 175 | .60 | 10 |
| 124 25 | 16 | .63 | 18 | 175 | .76 | 10 |
| 124 26 | 18 | .71 | 20 | 200 | .96 | 10 |





124 90 Set 8 Pcs. Metric Taper Pin Punches

Hardened tool steel punches, precision machined to exact tolerances.

| rial defied tool steel puriciles, precision machined to exact tolerances. | | | | | |
|---|--------------------------|------------|------|--|--|
| Item | | - → | | | |
| No. | Set Includes: | lbs. | pkg. | | |
| 124 90 | 1, 2, 3, 4, 5, 6, 7, 8mm | 1.4 | 1 | | |





124 92 Set 14 Pcs. Metric Taper Pin Punches

Hardened tool steel punches, precision machined to exact tolerances.

| Item | | - → | | |
|--------|------------------------------------|------------|------|--|
| No. | Set Includes: 1, 2, 3, 4, 5, 6, 7, | lbs. | pkg. | |
| 124 92 | 8, 9, 10, 12, 14, 16, 18mm | 5.1 | 1 | |



234 Heavy Duty Solid Metric Parallel Pin Punches

Hardened tool steel punches, precision machined to exact tolerances. Heavy duty hex shanks, hardened for optimum long life performance. Painted finished bodies.

| Item | Tip | Tip | Shaft Diameter | | <u></u> | |
|--------|-----|-----------|----------------|-----|---------|------|
| No. | mm | Inch Dia. | mm | mm | lbs. | pkg. |
| 234 20 | 2 | .08 | 10 | 150 | .13 | 10 |
| 234 21 | 2.5 | .10 | 10 | 150 | .13 | 10 |
| 234 22 | 3 | .12 | 10 | 150 | .13 | 10 |
| 234 23 | 3.5 | .14 | 10 | 150 | .14 | 10 |
| 234 24 | 4 | .16 | 10 | 150 | .14 | 10 |
| 234 25 | 4.5 | .18 | 10 | 150 | .14 | 10 |
| 234 26 | 5 | .20 | 10 | 150 | .14 | 10 |
| 234 27 | 6 | .24 | 10 | 150 | .15 | 10 |
| 234 28 | 7 | .28 | 10 | 150 | .18 | 10 |
| 234 29 | 8 | .32 | 10 | 150 | .18 | 10 |
| 234 32 | 9 | .35 | 12 | 150 | .24 | 10 |
| 234 33 | 10 | .39 | 12 | 150 | .25 | 10 |
| 234 34 | 12 | .47 | 14 | 150 | .37 | 10 |
| 234 35 | 14 | .55 | 16 | 175 | .55 | 10 |
| 234 36 | 16 | .63 | 18 | 200 | .79 | 10 |
| 234 37 | 18 | .71 | 20 | 200 | .95 | 10 |
| 234 38 | 20 | .79 | 22 | 250 | 1.41 | 10 |





234 90 Set 8 Pcs. Metric Parallel Pin Punches

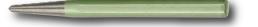
Hardened tool steel punches, precision machined to exact tolerances.

| Item | | ••• | - |
|--------|--------------------------------|------|------|
| No. | Set Includes: | lbs. | pkg. |
| 234 90 | 2, 2.5, 3, 3.5, 4, 4.5, 5, 6mm | 1.3 | 1 |

234 91 Set 15 Pcs. Metric Parallel Pin Punches

Hardened tool steel punches, precision machined to exact tolerances.

| Item | | ₽ | | |
|--------|--|----------|------|--|
| No. | Set Includes: 3, 3.5, 4, 4.5, 5, 6, 7, | lbs. | pkg. | |
| 234 91 | 8. 9. 10. 12. 14. 16. 18. 20mm | 5.6 | 1 | |





124 Heavy Duty Solid Tapered Metric Center Punches

Hardened tool steel punches, precision machined to exact tolerances. Heavy duty hex shanks, hardened for optimum long life performance. Painted finished bodies.

| Item | Tip | Tip | Shaft Diameter | | ← | |
|--------|-----|-----------|----------------|-----|----------|------|
| No. | mm | Inch Dia. | mm | mm | lbs. | pkg. |
| 124 36 | 4 | .16 | 10 | 120 | .14 | 10 |
| 124 37 | 5 | .20 | 12 | 120 | .20 | 10 |
| 124 38 | 5 | .20 | 12 | 150 | .26 | 10 |
| 124 39 | 6 | .24 | 14 | 150 | .35 | 10 |

124 91 Set 3 Pcs. Metric Taper Center Punches

Hardened tool steel punches, precision machined to exact tolerances.

| rialdened tool steel puriciles, precision machined to exact tolerances. | | | | | |
|---|---------------------------|------|------|--|--|
| Item | | • | | | |
| No. | Set Includes: | lbs. | pkg. | | |
| 124 91 | 4x120mm, 5x120mm, 6x150mm | .69 | 1 | | |

