HYDRO PLUS
SEALING TECHNOLOGIES

NBR 90 IMPERIAL O-RING ASSORTMENT

Professional 4-tray assortment - Imperial series with SAE and UNF references

TOTAL QUANTITY	REFERENCES	NOMINAL HARDNESS	MATERIAL GRADE
1,415 O-rings	81 sizes	90 Shore A* high hardness	NBR 90



High-hardness NBR sealing coverage for industrial maintenance

This NBR 90 Imperial assortment contains 81 clearly identified O-ring references arranged in four trays for fast selection. The high-hardness grade is intended for demanding static sealing, hydraulic maintenance and workshop applications where resistance to oils, abrasion and extrusion is important.

OIL RESISTANCE

Good resistance to mineral oils, greases and many hydraulic fluids.

HIGH HARDNESS

The nominal 90 Shore A grade supports demanding sealing and extrusion resistance.

WEAR RESISTANCE

Good mechanical strength and abrasion resistance for industrial service.

HYDRAULIC SERVICE

Suitable for many static hydraulic and pneumatic sealing applications.

WIDE COVERAGE

Metric-marked equivalents plus selected SAE 3000/6000 and UNF references.

FAST IDENTIFICATION

Reference, dimension and quantity are displayed together for each compartment.

** Hardness and service limits must be confirmed against the supplier compound certificate. Fluid compatibility depends on temperature, pressure and exposure time.*

Dimensions shown as inside diameter x cross-section in millimetres, as marked on the supplied trays.

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Detailed dimensions and quantities - trays 1 and 2

TRAY 1 | 1.78 mm cross-section

24 references | 495 pieces

OR 006 2.90 x 1.78 mm x 25	**OR 007** 3.68 x 1.78 mm x 25	**OR 008** 4.47 x 1.78 mm x 25	**OR 009** 5.28 x 1.78 mm x 25	**OR 010** 6.07 x 1.78 mm x 25	**OR 011** 7.65 x 1.78 mm x 25
OR 012 9.25 x 1.78 mm x 25	**OR 013** 10.82 x 1.78 mm x 25	**OR 014** 12.42 x 1.78 mm x 25	**OR 015** 14.00 x 1.78 mm x 25	**OR 016** 15.60 x 1.78 mm x 25	**OR 017** 17.17 x 1.78 mm x 25
OR 018 18.77 x 1.78 mm x 25	**OR 019** 20.35 x 1.78 mm x 20	**OR 020** 21.95 x 1.78 mm x 20	**OR 021** 23.52 x 1.78 mm x 20	**OR 022** 25.12 x 1.78 mm x 15	**OR 023** 26.70 x 1.78 mm x 15
OR 024 28.30 x 1.78 mm x 15	**OR 025** 29.87 x 1.78 mm x 15	**OR 026** 31.47 x 1.78 mm x 15	**OR 028** 34.65 x 1.78 mm x 15	**OR 029** 37.82 x 1.78 mm x 10	**OR 030** 41.00 x 1.78 mm x 10

TRAY 2 | 2.62 mm cross-section

24 references | 440 pieces

OR 109 7.60 x 2.62 mm x 25	**OR 110** 9.19 x 2.62 mm x 25	**OR 111** 10.78 x 2.62 mm x 25	**OR 112** 12.37 x 2.62 mm x 25	**OR 113** 13.95 x 2.62 mm x 25	**OR 114** 15.54 x 2.62 mm x 25
OR 115 17.13 x 2.62 mm x 25	**OR 116** 18.72 x 2.62 mm x 25	**OR 117** 20.29 x 2.62 mm x 25	**OR 118** 21.90 x 2.62 mm x 25	**OR 119** 23.47 x 2.62 mm x 20	**OR 120** 25.07 x 2.62 mm x 20
OR 121 26.65 x 2.62 mm x 15	**OR 122** 28.25 x 2.62 mm x 15	**OR 123** 29.83 x 2.62 mm x 15	**OR 124** 31.42 x 2.62 mm x 15	**OR 125** 33.00 x 2.62 mm x 15	**OR 126** 34.60 x 2.62 mm x 15
OR 127 36.17 x 2.62 mm x 15	**OR 128** 37.77 x 2.62 mm x 10	**OR 129** 39.35 x 2.62 mm x 10	**OR 131** 42.52 x 2.62 mm x 10	**OR 133** 45.70 x 2.62 mm x 10	**OR 135** 48.90 x 2.62 mm x 5

Dimensions shown as inside diameter x cross-section in millimetres, as marked on the supplied trays.

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Detailed dimensions and quantities - tray 3 and SAE / UNF selection

TRAY 3 | 3.53 mm cross-section

18 references | 270 pieces

OR 210 18.64 x 3.53 mm x 20	**OR 211** 20.22 x 3.53 mm x 20	**OR 212** 21.82 x 3.53 mm x 20	**OR 213** 23.40 x 3.53 mm x 20	**OR 214** 25.00 x 3.53 mm x 20	**OR 215** 26.57 x 3.53 mm x 15
OR 216 28.17 x 3.53 mm x 15	**OR 217** 29.75 x 3.53 mm x 15	**OR 218** 31.34 x 3.53 mm x 15	**OR 219** 32.93 x 3.53 mm x 15	**OR 220** 34.52 x 3.53 mm x 15	**OR 221** 36.10 x 3.53 mm x 15
OR 222 37.70 x 3.53 mm x 15	**OR 223** 40.87 x 3.53 mm x 10	**OR 224** 44.05 x 3.53 mm x 10	**OR 226** 50.04 x 3.53 mm x 10	**OR 228** 56.75 x 3.53 mm x 10	**OR 232** 69.44 x 3.53 mm x 10

TRAY 4 | SAE 3000/6000 and UNF

15 references | 210 pieces

SAE - OR 210 18.64 x 3.53 mm x 10	**SAE - OR 214** 25.00 x 3.53 mm x 10	**SAE - OR 219** 32.93 x 3.53 mm x 10	**SAE - OR 222** 37.70 x 3.53 mm x 5	**SAE - OR 225** 47.23 x 3.53 mm x 5
SAE - OR 228 56.75 x 3.53 mm x 5	**SAE - OR 236** 82.14 x 3.53 mm x 10	**UNF - OR 903** 7.65 x 1.63 mm x 15	**UNF - OR 904** 8.92 x 1.83 mm x 25	**UNF - OR 905** 10.52 x 1.83 mm x 15
UNF - OR 906 11.89 x 1.98 mm x 25	**UNF - OR 908** 16.36 x 2.20 mm x 25	**UNF - OR 910** 19.18 x 2.46 mm x 25	**UNF - OR 912** 23.47 x 2.95 mm x 15	**UNF - OR 916** 29.74 x 2.95 mm x 10

Dimensions shown as inside diameter x cross-section in millimetres, as marked on the supplied trays.