

Double threaded nipple, Octag. R 2 1/2 AF 78 Stainless steel - Riegler 125687

Item no. RGL-125687

Manufacturer Riegler

EAN 4047322417129

Double threaded nipple, Octag. R 2 1/2 AF 78 Stainless steel

TECHNICAL DATA

Betriebsdruck max [bar]	20.000000
Country of Manufacture	Germany
Norm	DIN EN ISO 228-1
Pneumatic connection	R2 1/2 AG
Thread	R 2 1/2 AG
Thread 2	R 2 1/2 AG
Thread standard	ISO 7-1
Weight	0.327 kg
Working pressure max. [bar]	20
Zolltarifnummer	73072910



STANDARDS & COMPLIANCE

ISO 7-1 ISO 228-1

DESCRIPTION

Double threaded nipple, Octagonal, R 2 1/2, AF 78, Working pressure max. 20 bar, Stainless steel 1.4408

TECHNICAL DATA

Max. working pressure

20 bar

Thread 1

R 2 1/2 ET

Thread 2

R 2 1/2 ET

L1

67.0 mm

L2

28.0 mm

L3

28.0 mm

a/f

78 mm

Cross-section

octagon

STANDARDS AND ORIGIN

- Standard thread: ISO 7-1

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- Customs tariff number: 73072910
- Country of origin: DE

ABOUT DOUBLE NIPPLES

A double threaded nipple joins two female ports and bridges the size step when fitting and connection do not match. Both ends carry a male thread, either in the same size or reduced. Working pressure runs from 20 to 60 bar depending on the version.

WHAT MATTERS WHEN CHOOSING

- Thread 1 and thread 2 decide whether the nipple extends or reduces. Both sides are covered from M5 and G 1/8 up to G 1 1/4, the second side additionally up to R 2.
- The thread form determines how the joint seals. Parallel G threads to DIN EN ISO 228-1 need a separate seal, tapered R threads to ISO 7-1 seal in the thread itself.
- Brass CW614N is the default material. Electroplated nickel-plated brass CW614N suits visible installations and mild humidity, stainless steel 1.4571, 1.4408 and 1.4404 aggressive media.
- Working pressure between 20 and 60 bar depends on material and size. For large threads from G 1 upwards, check the value per article rather than assuming the top figure of the group.
- Maximum operating temperature sits between 150 °C and 200 °C. Where steam or hot oil is carried, that is the deciding criterion alongside pressure.

TYPICAL APPLICATIONS

- Joining two female-threaded fittings in a pipe run without an extra socket
- Stepping down from a larger manifold port to a smaller connecting line
- Mounting gauges, shut-off valves and filters on air preparation units
- Extending a short connection spigot so a wrench can be applied
- Building manifolds for water, oil and neutral gases in workshop and plant construction

The NonPlusUltra versions are made from stainless steel 1.4404 and sealed with FDA-compliant FPM, released for compressed air, neutral gases and liquids, oil and grease. The value line series is also part of the group, which holds 292 articles in total.