DIN2353 | 316TI

COUPLINGS

ADVANCED FLUID TECHNOLOGIES

DIN 2353 Cutting Ring Tube Fittings 316TI

Single Ferrule Fittings manufactured in accordance with DIN 2353 and EN ISO 8434-1.

Each fitting consists of 3 parts;

- Body
- Tube Nut
- Cutting Ring (Ferrule)

The fittings are designed for use on systems & installations for chemical, petrochemical, pharmaceutical, ship building, pulp & paper and other industries with a corrosive medium or environment.

Working Pressures & Reductions for DIN 2353 Cutting Ring Couplings

The figures listed under PN are the maximum nominal pressure and refer to cutting ring couplings made of stainless steel 1.4571 when installed in accordance with the correct assembly instructions.

Light Series	6L	8L	10L	12L	15L	18L	22L	28L	35L	42L
PN	315	315	315	315	315	315	160	160	160	160

Heavy Series	6S	8S	10S	12S	14S	16S	20S	25S	30S	38S
PN	630	630	630	630	630	400	400	400	400	250

Ordering Examples:

12L x 1/2"BSPT Male Stud Coupling: GEV12LRK08

16S Equal Elbow: WV16S

In the event of increasing operating temperatures corresponding pressure reductions should be considered. This also applies during the use of differing materials, where the respective lowest nominal pressure forms the basis for calculation.

For the corresponding values please consult the table below.

Temperature	Pressure Reduction
- 60° ... +20 °C	---
+ 50 °C	4,5 %
+ 100 °C	11,0 %
+ 200 °C	20,0 %
+ 300 °C	29,0 %
+ 400 °C	33,0 %

Safety in Fitting Selection

For the safe, trouble-free installation, operation and maintenance of fluid systems, material compatibility, pressure/temperature ratings and application details must all be considered in the selection of all tube, fittings and valves.

Coupling Part Selector

All data contained in this brochure is for reference only, it is the sole responsibility of the system designer/installer and user to check all data and to select and use the products for there specific application taking all appropriate safety factors into consideration.

Other Products

Some of our products are:

Compression Couplings
Pipe & Tube Clamps
Twin Ferrule Fittings
Ball Valves
SAE Flanges
Quick Release Couplings
Adaptors
Hose Fittings
150Lb Screwed Fittings
Pipe & Tube

Company Statement:

Specialist's in Stainless Steel Fittings, Flanges, Tubes & Valves!

Advanced Fluid is a privately owned company which caters in the complete supply of hydraulic, pneumatic and industrial based engineering and pipeline products to the OEM, end user and distribution markets.

In addition to the general side of these engineering products, special focus is given to a complete range of **stainless steel fittings** and other **pipeline products**, including instrumentation and process control ranges such as **twin ferrule couplings** and a full range of **ball, needle, check** and **relief valves**.

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