

DIN-01

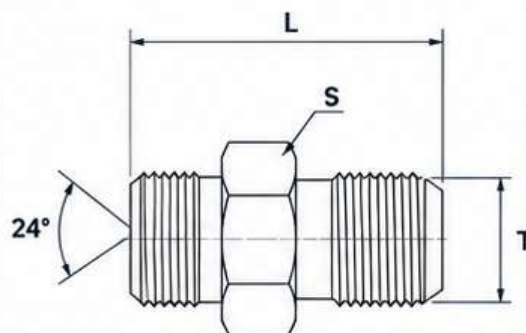
MALE STRAIGHT CONNECTOR

DIN METRIC | 24° CONE



Product image for representation only.
Actual product may vary based on size and material.

TECHNICAL DRAWING



PRODUCT OVERVIEW

Male straight connector is used to connect tubes with a 24° cone end to a female port with metric threads. Designed for high-pressure hydraulic systems, it provides a reliable and leak-free connection.

KEY FEATURES



High pressure performance



Durable and long service life



Leak-free connection



Complies with DIN standards



Precision engineered



Wide range of sizes

APPLICATIONS



Hydraulic Systems



Industrial Machinery



Construction Equipment



Agricultural Equipment



Marine Applications

TECHNICAL SPECIFICATIONS

Connection Type	DIN Metric (24° Cone)
Material	Carbon Steel / Stainless Steel (SS316)
Surface Finish	Zinc Plated / Plain / SS Natural
Working Pressure	Up to 630 bar (depending on size)

Temperature Range	-40°C to +120°C
Standard	DIN 2353 / ISO 8434-1
Application	Hydraulic Systems, Industrial Machinery, Mobile Equipment

MATERIAL OPTIONS



Carbon Steel
(Zinc Plated)



Stainless Steel
(SS316)

DIMENSIONS & PART NUMBERS

All dimensions are in millimeters (mm)

Tube O.D. (mm)	Thread (M)	Part Number		Dimensions (mm)			Working Pressure (bar)	Weight (kg)	
		Carbon Steel	Stainless Steel	L	S (Hex)	T		CS	SS
6	M12 x 1.5	HP-DIN-001-06	HP-DIN-001-06-SS	32	14	6	630	0.032	0.030
8	M14 x 1.5	HP-DIN-001-08	HP-DIN-001-08-SS	34	17	8	630	0.045	0.042
10	M16 x 1.5	HP-DIN-001-10	HP-DIN-001-10-SS	36	19	10	630	0.060	0.056
12	M18 x 1.5	HP-DIN-001-12	HP-DIN-001-12-SS	38	22	12	420	0.082	0.078
15	M22 x 1.5	HP-DIN-001-15	HP-DIN-001-15-SS	42	27	15	420	0.128	0.120
18	M26 x 1.5	HP-DIN-001-18	HP-DIN-001-18-SS	44	32	18	420	0.174	0.165
22	M30 x 2.0	HP-DIN-001-22	HP-DIN-001-22-SS	48	36	22	420	0.266	0.252

NOTES

- Dimensions are for reference only and may vary slightly.
- Working pressure is subject to tube material, wall thickness and application.
- Custom sizes and special materials are available on request.
- Contact Hidropex technical team for further assistance.

ORDERING EXAMPLE

HP-DIN-001-10-SS

Material (SS = Stainless Steel)

Size (Tube O.D. 10 mm)

Product Code

GLOBAL FITTINGS.
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