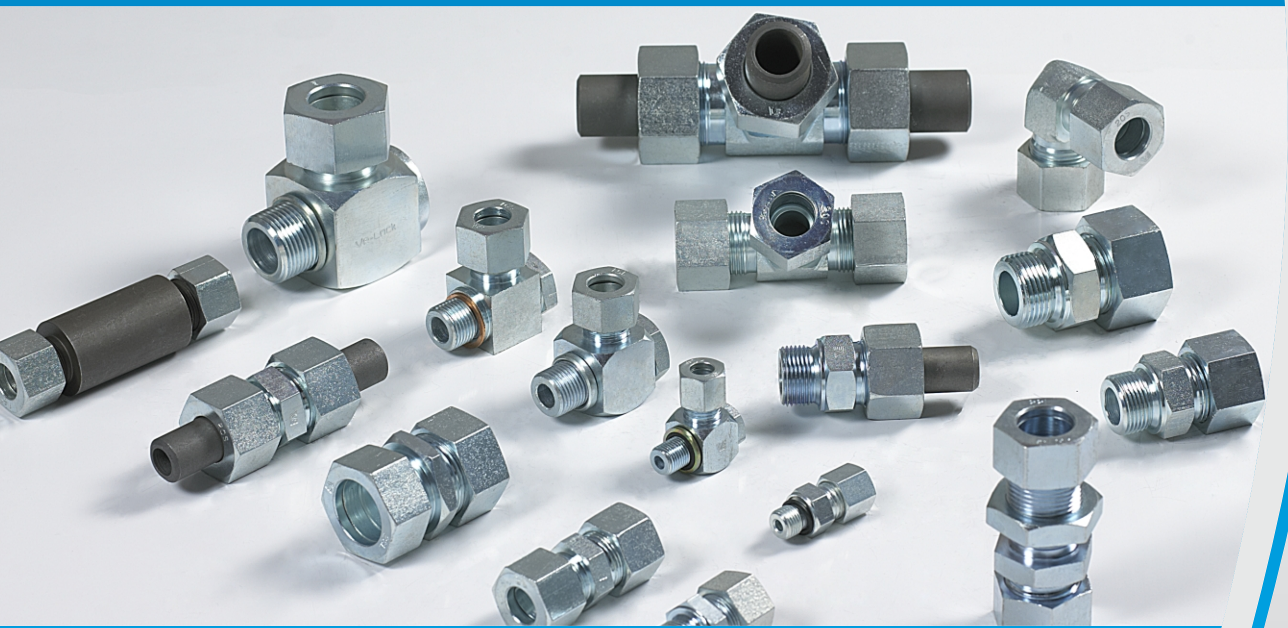
VE-LOCK®

TUBE FITTINGS - DIN 2353



VAISHNAVI HYDRAULICS PVT. LTD.

ISO 9001 :2008 Certified Company


VE-LOCK


VE-LOCK

ENCLOSURE

ABOUT US

- **We** are into the business of experience & Explore all possible opportunities by providing right solutions with the help of resources & technology for the betterment of people & the organization.
- **"Vaishnavi Hydraulics Pvt. Ltd.**. is well known for its brand called " VE-LOCK " & " VE " in the field of Hydraulic & Industrial Engineering application industries like - Railways | Steel Plant Industries | Power plant | Oil & Gas industries |Aeronautics Equipments | Paper Mill Plants | Cement Mixers |Power packs Equipments.
- **"Since year 2006**, Hydraulic & Industrial Engineering industries has found that the usage of VE-LOCK - tube fittings |tube clamps |flanges | tubes | Valves and Quick couplings are leak proof joints for Hydraulic High pressure Piping Systems .
- **"VE-LOCK"** is Dynamic Manufacturing & Exporter company that offers Hydraulic Fluid Power & Motion application components such as - Tube clamps | Tube Fittings | SAE Flanges | High Pressure Valves | Quick Couplings | Seamless Tubes contributes Trouble Free / Leak Proof / Maintenance Free / Long Shelf life of Machine / Better Performance / Superior in Aesthetic Quality to many Hydraulic & Engineering Application Industries like :- like Shipyards , Railways , SPM (Special Purpose Machines) ,Paper Mills, Construction Equipment ,Mobile Hydraulics, Steel plants & Rolling Mills Manufacturing ,Automobiles & Heavy Mobile Vehicles, Refineries & many more ...
- **Mr. Mehul Padiya ,** is Founder / Developer of " VELOCK " Group widely regarded as a "Team Leader " and one of the Proprietor / Director of companies called " VAISHNAVI ENGINEERING " and " VAISHNAVI HYDRAULICS PVT. LTD " in the year 2006 and Year 2011 respectively. He is Qualified Engineer in the Field of Hydraulic & Engineering Application Industries and having boundless ,deep and insightful knowledge, Skills & Leadership about all Hydraulic components & Entrepreneurship. He is master in Knowledge of hydraulics & Engineering piping application & usage , he is skilful having all sort of Skills like - People Management skills , Presentation skills, negotiation skills, management skills , Leadership skills.
- **"VE-LOCK"** has unlimited " CLAMPS "manufacturing Facility like :- Moulds for Plastic Moulding , forging , Casting , Jigs & Fixtures , Clamps Top and Bottom Plates , C rails , Rail nuts , Weld Bushes , Plastic & Aluminium Clamps Moulding Machines. Velock has huge space for Storage , Assembly of such clamps & having capacity of stock for all sizes start from 6 mm up to 219 mm od clamps.

- **"VE-LOCK"** has state of Manufacturing set up in Mumbai city with various & multiple Horizontal CNC lathe machines , Vertical CNC lathe Machines (Milling Machines) Drill Machine , Surface Grinder , Welding Machines , Wire cut machines , Lathe Machines , Traub Machines and Cutting Band Saw Machines to cope up all Big orders / Rush orders / Urgent orders / special development orders / Non standard items orders given by our all valuable clients throughout the world.

- **"VE-LOCK"** has developed machining Centre for Various Steel & Stainless Steel Products for the Process like Cutting /drilling / punching / boring / threading / grinding / Roll threads /Finishing /Marking . " VELOCK " has developed Approved Subcontractor for Surface Treatment of Steel Products with process of Trivalent Zinc Coated (Chrome VI Free) , Yellow Chromatized , Black Phosphatised , Black Zinc coated , Silver Plating , Nickel Chrome Plated nearby our Manufacturing facility so that it saves time in Production & despatch of goods. " VELOCK " has SPARE Manufacturing facility from outside vendors / sub contractors who can support us during the time of Rush Orders / big Projects orders with reduce in delivery time .

- **"VE-LOCK"** is ISO 9001 :2008 Certified Company with Full Proof (Loop less) Systems & Process with in all Working department such that All the documents & information for clients will reach to them in short span of time. Velock is able to Maintain company structure , work procedures , standards ,Core values at par with the ISO 9001 system Manual & Quality systems Procedures design & certified by ISO 9001:2008 certified company. Also Velock can show you all records start from Sales Enquiry of Buyers till the Despatch of goods in written format as specified in the ISO systems. Velock has 2 Surveillance Audit in One year time by ISO Certification body to check if we have maintain such systems & process throughout a year time & the result is successful with them since last 5 years time .

- **"VE-LOCK"** has excellent team of People working with Various area like Design / Development department , Production Department , Quality Control department , Stores , Accounts , Sales department & will be available throughout 24 hrs. Our Team includes Diploma Mechanical Engineers, Production Engineers , B.E. Mechanical Engineers , IIT Engineers in Production department , MBA graduates in Sales & Marketing Department & C.A. in account department, Our Shop floor workers are well experienced People working with us since year 2006.

- Today **"VE-LOCK"** is working in one team & in one DNA & keep moving towards our BHAG (Mount Everest Goal) - i.e. - TO BUILD 1000 CR. DIVERSIFIED GROUP OF COMPANIES BY THE YEAR 2033.

CORE PURPOSE:

To Experience & Explore all Possible Opportunities by Providing right solution with the help of Resources & Technology for the betterment of People & Organizations.

Core Values:

1)Self Belief
2)Passion & Possibility Thinking
3)Growing with the Team
4)Continuous Improvement & Innovation
5)No Entitlement Attitude
6) Customers for Life (Aspirational)

BHAG: To Become a 1000Cr. Diversified Group of company by the year 2033.

VIVID Description:

1)20YEARS FROM NOW ,VELOCK WILL BE KNOWN AS A WORLD CLASS ORGANISATION WITH ITS HEAD OFFICE AT MUMBAI & 100 BRANCHES ALL OVER INDIA ,DUBAI,KUWIAT,KSA.,SINGAPORE,EUROPE & USA.

2)WE WILL HAVE MORE THEN 100,000 ACTIVE BUYERS WORLDWIDE AND THERE WILL BE ATLEAST 2 FOR OUR DEALERS IN EACH STATE /CITY/COUNTRY/WORLDWIDE CONTRIBUTION TO OURS THE BETTERMENT OF PEOPLE & ORGANIZATION.

3)20 YEARS FROM NOW,WILL WE BE KNOWS AS MARKET LEADERS IN HYDRAULIC INDUSTRY AND OUR UNIQUENESS I PRODUCTS & PRODUCTS & SYSTEMS WILL BE JUST ONE CLICK AWAY FROM THE PEOPLE OF THE WORLD.

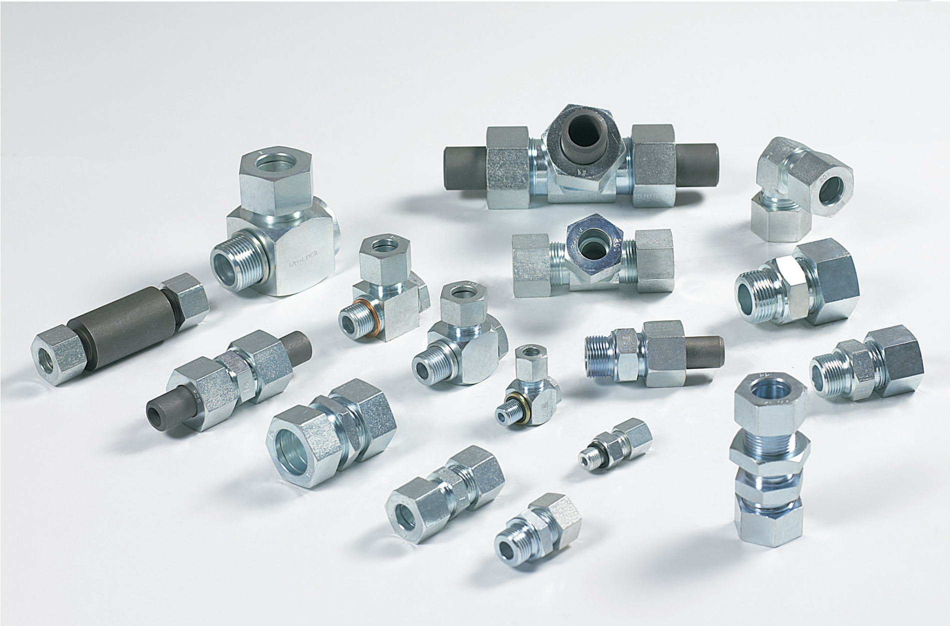
4)ALL THE EMPLOYEES IN VELOCKS WILL WORK WITH UTMOST PASSION,BRINGING INN OVATION IDEAS AND WITH AN ABSOLUTE NO ENTITLEMENT ATTITUDE SUCH THAT WE WILL KNOWN FROM AS A HUB FOR MANUFACTURING LEADERS WITHIN THE ORGANIZATION.

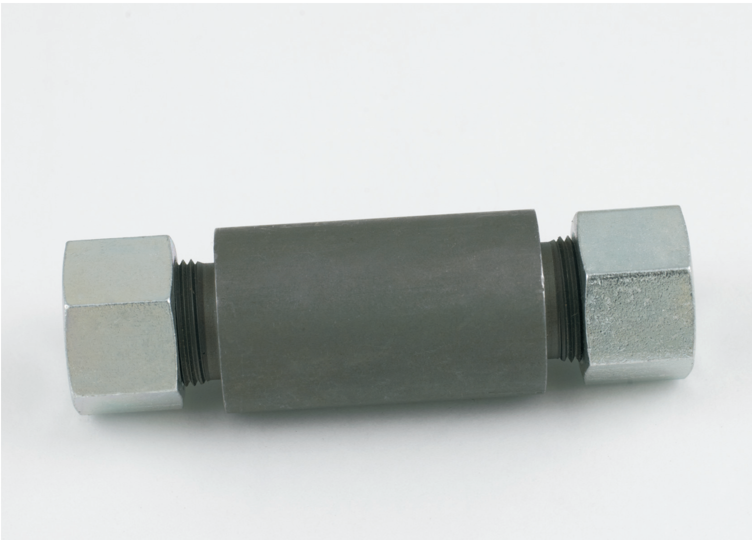
5)OUR BUSINESS & BRAND PROMISE WILL BE 100%ADVANCE PAYMENTS &WE WILL OFFER NO CREDIT TO ANY BUYERS WORLDWIDE.

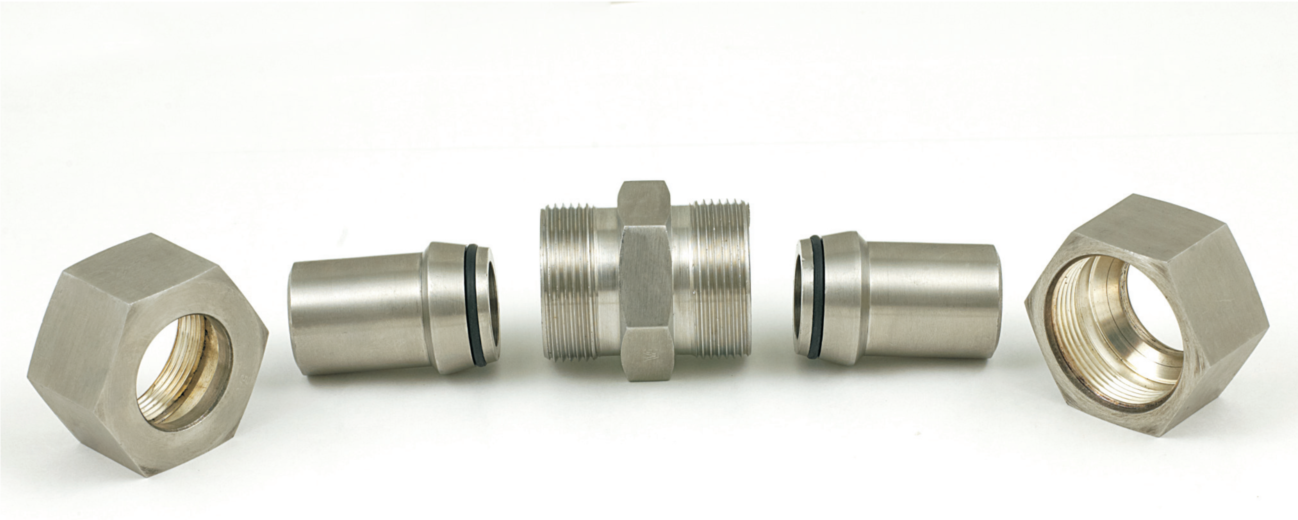
6)OURS COMPANIES WILL BE RECOGNIZED AS EXAMPLES AND ROLE MODELS FOR EFFECTIVES FUNCTIONING OF A BUSINESS & PRACTICE FOLLOWED BY US SHALL BECOME A SOURCE OF GUIDANCE AND DIRECTION FOR THE MOST SOUGH AFTER COMPANIES THE WORLD.

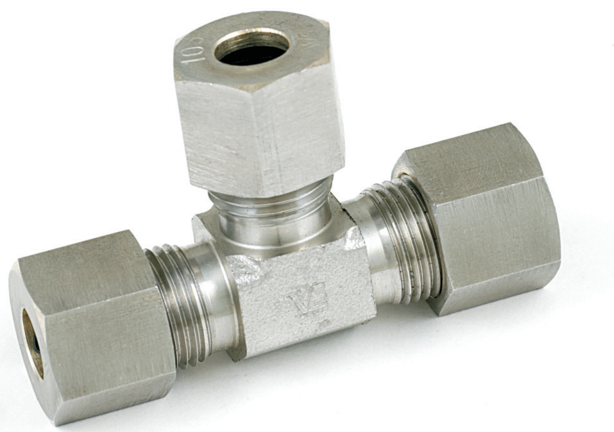
7)STUDENDS FROM ALL OVER THE WORLD WILL WANT TO WORK WITH VELOCK AND IT WILL BECOME THE FIRST CHOICE OF EMPLOYMENTS ACROSS THE GLOBE.

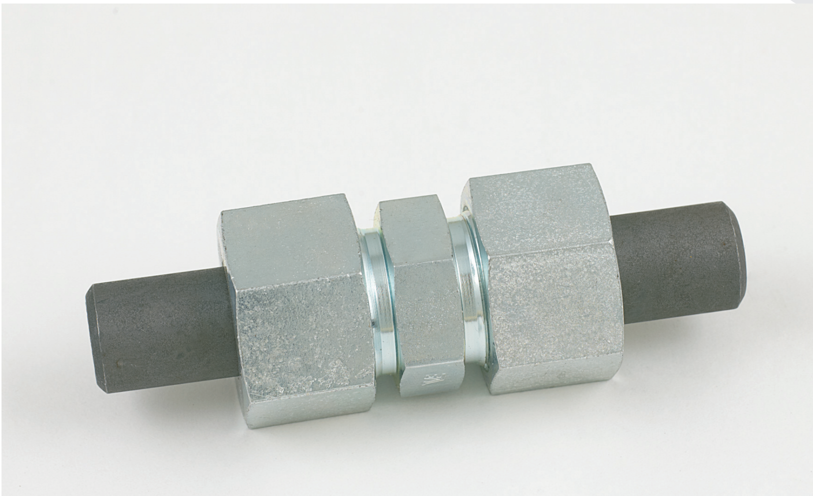
8)HAVING DONE ALL THIS, VELOCK WILL BE THE PRESIDENT OF UNITED STATES (U.S.) & OTHER ESTEEMED HONORS FOR ITS CONTRIBUTION TOWARDS INNOVATION AND TECHNOLOGY EXCELLENCE.











VE-LOCK Single Ferrule Bite type fittings are Flareless Metric 24^0 Cone fittings that consists of a Body , a nut and a Progressive Ring (Ferrule) , Two cutting edges of the Progressive Ring " BITE " in to the outer surface of the tube ensuring the necessary holding power for the high pressure.

Available in three sizes , the VE-LOCK bite type fittings and accessories are manufactured in accordance with DIN 2353 Standards. The tube fittings and components listed in this catalogue are intended solely for the assembly of theconnections for fluid applications

Standard Material Specifications

Steel Fittings : Materials see DIN 3859
Stainless Steel Fitting : X6CrNiMoTi 17122 in accordance with DIN 17440, Material No. 1.14571
Brass Fitting : CuZn35Ni2 in accordance with DIN 17660/17672, Material No. 2.0540
Elastomer Seal : NBR(BUNA-N), DIN 17660FPM(VITON)

Pressure and Temperature Load Capability

Working Pressure

Series	Pressure Ratting			
	Steel (DIN3859)/Brass		SS316 (DIN 17440/1.4571)	
	Size	Pressure(Bar)	Size	Pressure(Bar)
LL(Very light)	4 - 8	100	4 - 12	100
L(Light)	6 - 18	315	6 - 15	250
			18 - 22	160
	22 - 42	160	28 - 42	100
S(Heavy)	6 - 14	630	6 - 14	630
	16 - 30	400	16 - 25	400
	38	315	30 - 38	315

*Working pressure - The nominal pressure(PN) as referred to in DIN2401, part 1 draft

Permissible operating temperature (TB) range for fitting materials

Material of Fittings	Temperature Ratings
316 Stainless Steal	-67°C upto + 400°C* (DIN17440)
Carbon Steel	-40°C upto + 120°C* (DIN 3859)
Brass	-60°C upto + 175°C*

*The specification in the pressure reductions section are to be observed here

CAUTION
When combining the different fitting and sealing materials the lowest temperature limit in each case is applicable

For Sealing Materials

Sealing Material	Temperature Ratings
NBR	- 35^0 C upto +100°C*
FPM	- 25^0 C upto +200°C*
PTFE	- 60^0 C upto +240°C*

*ED - Ring and O - Ring of NBR Standard

Pressure Reductions

Recommended pressure reductions(determined by the fuid medium) for higher service temperature

Material of Fittings	Temperature Rating	Reduction of Pressure
Carbon Steel Brass 316 Stainless Steel (1.4571)	-60°C upto + 20°C*	
	+ 50°C	4%
	+100°C	11%
	+200°C	20%
	+300°C	29%
	+400°C	33%
	-40°C upto +120°C*	-
	-60°C upto +175°C*	30%

*For different material of tubes and fitting.
The tubes must be tested separately concerning the allowed temperature range and the necessary reduction of pressure.

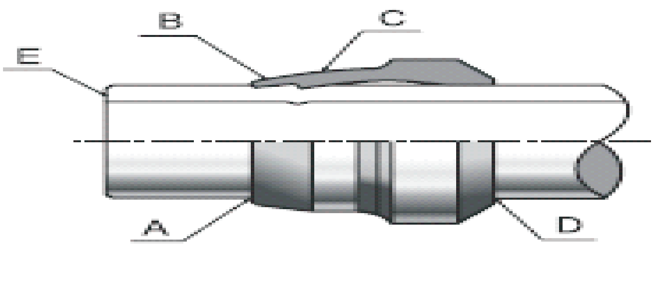
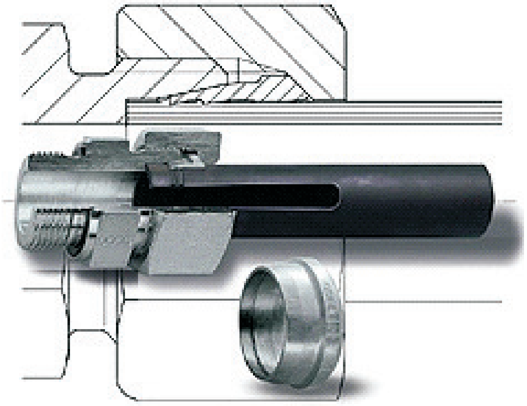


Fig.3

As per the shown Fig- 3 - pls check above



A ridge of metal {A} has been raised above the tube surface to a height of at least 50% 0f the thicknessof the Ferrule leading edge completely around the tube.

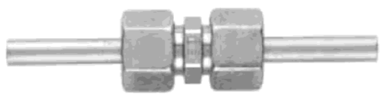
While the leading edge of the FERRULE may be coined flat {B} there is slight bow to the balance of the pilot section {C}

The tail or back and of the FERRULE is snug against the tube {D}

There is a slight indentation around the end of the tube {E} that indicates the tube was bottomed in the biting tool.

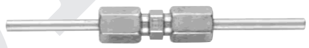
Avoid rotating the FERRULE by tightening but the FERRULE should not move front or back beyond the biting area.
(stainless steel FERRULE will move more then steel because of its spring back characteristics)

Three Series of Fittings in Single Ferrule Bite type Fittings



Heavy Series - S - (G 6 S)

Light series - L - (G 6 L)



Very Light Series - LL - (G 6 LL)

Example of order -no.	G06ZLLA3C	G06ZLA3C	G06ZSA3C
Design	Very Light	Light	Rigid
Performance			
Pn(bar)	100	160-315	315-630
P_{max}(bar)	250	250-500	420-900
Suitability for heavy duty applications	Good	Very Good	Excellent
Tube Dimension	4, 6, 8, 10, 12	6, 8, 10, 12, 15, 18, 22, 28, 35, 42	6, 8, 10, 12, 14, 16, 20, 25, 30, 38
Assembly			
Tightening effort	Very Low	Normal	High
Space requirement	Very Low	Low	High
Typical Applications	Central Lubrication Airbrake systems Fuel Lines Oil/Gas stoves Micro Hydraulics	Machine tolls Agricultural Vehicles	Hydraulic presses Plastic injection molding Steel mills Shipbuilding Mobile construction equipment
Conclusion	Very light design for space limited assemblies in low to medium pressure applications	Medium to high pressure fitting for general use in hydraulic and pneumatic systems	Rigid design for use in heavy-duty applications

Tubing guide

Seamless precision steel tube St 37.4

We recommend the use of seamless precision steel tubes with dimensions to DIN 2391, part 1, material St 37.4 to DIN 1630, TYPE NBK. The following tube wall thickness are suitable for use:

Tube O.D. (mm)	Tolerence (mm)	Wall thickness (mm)	Tube I.D. (mm)	Design Pressure(bar) DIN2413 I Static	Design Pressure(bar) DIN2413 III Dynamic	Weight (kg/m)
4	0.1	0.5	3	313	274	0.047
		0.75	2.5	4.9	391	0.060
		1.0	2	522	502	0.074
5	0.1	1.0	3	432	416	0.099
6	0.1	0.75	4.5	333	289	0.103
		1.0	4	389	372	0.123
		1.5	3	549	526	0.166
		2.0	2	692	662	0.197
		2.25	5	757	725	0.208
8	0.1	1.0	6	333	288	0.173
		1.5	5	431	412	0.240
		2.0	4	549	526	0.296
		2.5	3	658	630	0.339
10	0.1	1.0	8	235	209	0.271
		1.5	7	373	357	0.314
		2.0	6	478	458	0.395
		2.5	5	576	551	0.462
		3.0	4	666	638	0.518
12	0.08	1.0	10	235	209	0.271
		1.5	9	353	303	0.389
		2.0	8	409	391	0.493
		2.5	7	495	474	0.586
		3.0	6	576	551	0.606
		3.5	5	651	624	0.734
14	0.08	1	12	201	182	0.321
		1.5	11	302	625	0.462
		2.0	10	403	343	0.592
		2.5	9	434	417	0.709
		3.0	8	507	487	0.614
		3.5	7	576	553	0.906
		4	6	576	553	0.986
15	0.08	1.0	13	188	171	0.345
		1.5	12	282	248	0.499
		2.0	11	336	321	0.641
		2.5	10	409	391	0.771
		3.0	9	478	458	0.888
16	0.08	1.0	14	176	160	0.370
		1.5	13	264	234	0.536
		2.0	12	353	303	0.691
		2.5	11	386	370	0.832
		3.0	10	452	433	0.962
18	0.08	1.0	16	157	143	0.419
		1.5	15	235	209	0.610
		2.0	14	313	273	0.789
		2.5	13	348	333	0.958
		3.0	12	409	391	1.110
20	0.08	1.5	17	212	191	0.684
		2.0	16	282	249	0.888
		2.5	15	353	303	1.080
		3.0	14	373	357	1.060
		3.5	13	426	408	1.424
		4.0	12	478	458	1.578
22	0.08	15	19	192	174	0.758
		2.0	18	256	227	0.986
		2.5	17	320	278	1.202
		3.0	16	343	328	1.406
25	0.08	2.0	21	226	201	1.134
		2.5	20	282	248	1.387
		3.0	19	338	292	1.628
		4.0	17	394	378	2.072
		4.5	16	437	418	2.275
		5.0	15	478	458	2.466
28	0.08	1.5	25	151	139	0.980
		2.0	24	201	181	1.282
		2.5	23	252	223	1.572
		3.0	22	302	264	1.850
		4.0	20	357	342	2.368
		5.0	18	434	415	2.836
30	0.08	2.0	26	188	171	1.381
		2.5	25	235	210	1.695
		3.0	24	282	248	2.000
		4.0	22	336	321	2.570
		5.0	20	409	391	3.080
35	0.15	2.0	31	161	147	1.630
		2.5	30	201	181	2.000
		3.0	29	242	215	2.370
		4.0	27	322	280	3.060
		5.0	25	357	342	3.690
		6.0	23	419	401	4.290
38	0.15	2.5	33	186	168	2.189
		3.0	32	223	200	2.589
		4.0	30	297	260	3.350
		5.0	28	332	318	4.075
		6.0	26	390	373	4.740
		7.0	24	446	427	5.350
42	0.2	2.0	28	134	124	1.973
		3.0	26	203	181	2.890
		4.0	34	269	237	3.750

Tubing guide

Seamless precision stainless steel 1.4571

Stainless steel tube (e.g. 1.4571), code X6CrNiMoTi 17122, must be cold-drawn and seamless, heat-treated without fromation of scale, type m to Din 17458, provide tolerances to DIN2391, Part 1

Tube O.D. (mm)	Tolerence (mm)	Wall thickness (mm)	Tube I.D. (mm)	Design Pressure(bar)		Weight (kg/m)
				DIN2413 I Static	DIN2413 III Dynamic	
6	±0.1	1.0	4	426	330	0.125
8	±0.1	1.0 1.5	6 5	368 472	256 366	0.175 0.224
10	±0.08	1.0 1.5 2.0	8 7 6	294 389 498	209 301 386	0.225 0.319 0.401
12	±0.08	1.0 1.5 2.0	10 9 8	245 368 426	177 256 330	0.275 0.394 0.501
14	±0.08	1.5 2.0 2.5	11 10 9	315 420 452	223 289 351	0.469 0.601 0.720
15	±0.08	.1.0 1.5 2.0	13 12 11	196 294 392	143 209 271	0.351 0.507 0.651
16	±0.08	2.0 2.5 3.0	12 11 10	368 403 475	256 312 366	0.701 0.845 0.977

Tube O.D. (mm)	Tolerence (mm)	Wall thickness (mm)	Tube I.D. (mm)	Design Pressure(bar)		Weight (kg/m)
				DIN2413 I Static	DIN2413 III Dynamic	
18	±0.08	1.5 2.0	15 14	245 327	177 230	0.620 0.801
20	±0.08	2.0 2.5 3.0	16 15 14	294 368 309	209 256 301	0.901 1.095 1.277
22	±0.08	1.5 2.0	19 18	200 267	146 192	0.770 1.002
25	±0.08	2.5 3.0	2 19	294 353	209 247	1.408 1.653
28	±0.08	1.5 2.0	25 24	158 210	177 153	0.995 1.302
30	±0.08	3.0 4.0	24 22	294 392	209 271	2.028 2.605
35	±0.15	2.0	31	168	124	1.653
38	±0.15	4.0 5.0	3 28	309 387	219 268	3.405 4.131
42	±0.2	.2.0 3.0	39 36	140 210	104 153	2.003 2.930

* Tube Which need a Support Sleeve for assembly in Single Ferrule Bite Type Tube Fittings

Material selection : Sealing Material

Tube Material: Fitting Material:	Steel Steel	Stainless Steel Stainless Steel	Copper Brass	Stainless Steel Steel	Plastic Steel, Stainless Steel, Brass
Performance Characteristics: Pressure Capability	Excellent	Excellent	Good	Good	Low
External Temperature Capability	Very Good	Excellent	Very Good	Very Good	Depending on tube and material
Corrosion resistence	Good	Very Good	Excellent	Good	
Internal media Compatibility	Good	Excellent	Very Good	Good	
Assembly Characteristics: progressive Ring	Excellent	Preassembly	Support sleeves VH might be required	Preassembly with stainless steel progressive ring	Support sleeves H mandatory support sleeves H
Rubber Female	Excellent	Excellent	Not available	Mandatory	Mandatory
Weld nipple	Excellent	Excellent	Not possible	Special functional Nut, FM ... SSA required not possible	Not possible
Typical applications:	Machine tools, Mobile construction equipment	Shipbuilding. Offshore exploration, Process engineering, Paper machines	Central lubrication systems, Pneumatics	Some airbrake systems in railway industry wet machining area on machine tools	Pneumatic systems on machine tools central lubrication and air brakes in truck industry
Current use	Standard material combination for general use in hydraulic systems	Standard material combination for use with aggressive media or application in corrosive	Low to medium pressure applications in corrosive environment. Use with compressed air (condensed water) or slightly corrosive media(water)	Special material combination for slightly corrosive environments	Special material combination for low pressure applications

Sealing Technology	Metal-to-Metal	Nitrile rubber (NBR)	Fluorcarbon(FPM)
Performance Characteristics: High pressure capability	Good	Excellent	Excellent
Low temperature capability High temperature capability Media Compability Long term reliability	Excellent Excellent Excellent Good	Very good Good Good Excellent	Good Very Good Very Good Excellent
Assembly Characteristics: Ease of initial assembly Repeated assembly Replacement of seal	Good Good Not possible	Excellent Excellent Easy	Excellent Excellent Easy
Typical applications	Process engineering Agricultural Equipment	Machine tools Hydraulic presses Mobile construction Equipment	Steelmill equipment Casting machines
Current use	Suitable for aggressive media respectively for very low or very high temperatures	General use in - hydraulic - pneumatic - lubrication - airbrake systems	Hydraulic and pneumatic systems with high operating temperature process engineering: some aggressive media

VE-LOCK Tube Fittings from steel are delivered worldwide with a high quality surface protection like Galvanised Yellow Zinc (A3C according to DIN / ISO 4042)

VE-LOCK YELLOW ZINC PLATED or CHROME (VI) Free - Trivalent Plated

The Requirements for corrosion resistance of tube fittings have been increasing in the pase few years . To increase the shelf life of fittings, the manufacturer has to go for surface protection.

An galvanized deposit Zinc layer offers the following advantages :-

The corrosion resistance increases significantly due to a plating of minimum 8 micron and additional sealing by chromating process. In case of scratches or nicks - which are not avoidable during the assembly or handling - zinc develops a cathodical protection of the steel fitting body against localised corrosion & abrasion. The gold Yellow colour due to the chromating process offers an attractive appearance.

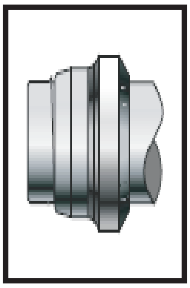
Homogeneous thickness of plating should not be more then 13 micron which will allow good screwable threads & fittments.

Continuous corrosion testes Like - SALT Spray Tests according to DIN 50021 / 5 % NACL show an avrage resistance of 100 h in contrast to white rust and 350 h in contrast to red rust.

Materials	Code	Surface protection / Surface						
		A3C Zinc plated Yellow chromated	A3C +Glide coating	A3C Zinc plated Green chromated	Znphr5f black phosphated	Bright no coating	Blank +Glide coating	Blank +Inside silver
Steel	Fitting body	X						
	Nuts		X					
	Progressive ring			X				
	EO-2 Functional nuts		X					
	Weld fittings				X			
Stainless Steel	Fitting body					X		
	Nuts up to 12-L/10-S						X	
	Nuts from 15-L/12-S							X
	Progressive ring			X				
	EO-2 Functional nuts upto 12-L/10-S						X	
	EO-2 Functional nuts from 15-L/12-S							X
	Weld fittings					X		
Brass	Fitting body Nuts Cutting ring					X		

A3C / A3D - ACCORDING TO DIN / ISO 4042

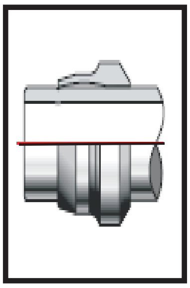
Znphr5f - ACCORDING TO DIN /EN/ISO 3892 and DIN 50942



OVER BITING OF FERRULE

Too much pressure or more then 1-3/4 turns from finger tight were used to pre-set FERRRULE, or the nut was severely over -tightned in the final assembly.

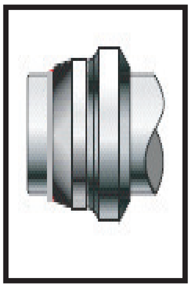
This assembly should be scrapped



NO BITING ON TUBES

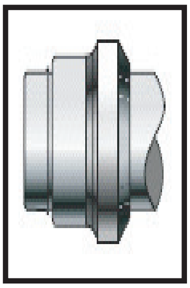
If all of the prior checks have been made and the FERRULE still shows no sign of biting on the tube it may be that the tube is too hard or the FERRULE is not hardened properly.
this assembly should be scrapped.

If you find improper Biting on FERRULE on tubes then please check the below:-



TUBE NOT BOTTOMED

Check the indentation of the tube end or compare the length from the end of the tube to the front end of the FERRULE of a known good assembly to that of the assembly in question. This assembly should be scrapped.



SHALLOW BITING

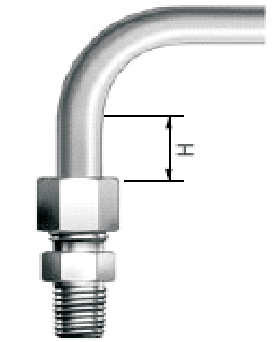
Inspect the turned up ridge of the material, a failure to achieve this ridge can be traced either to the nut not being tightened enough or the tube not being bottomed against the travel froward with allowed the tube to travel forward with the FERRULE.
In some instances this assembly must be re-worked

Assembly in fitting body

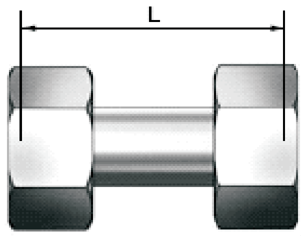
The use of pre-assembly bodies or pre-assembly tools are strongly recommended for all assemblies. Stainless steel tube and fittings as well as standpipe hose ends must be pre-assembled in a pre-assembly tool.

A) Preparing the tube ①

Maximum Height H for straight tube end



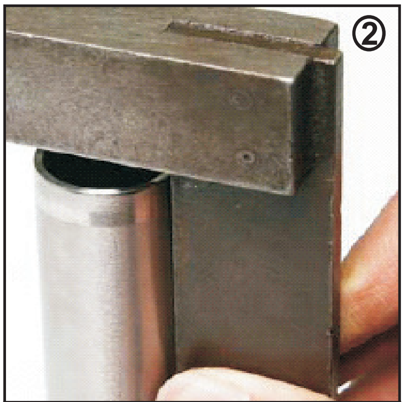
Minimum length L for short piece of tube



The portion of straight tube H must not deviate from roundness and straightness to the extent that the tube tolerances in DIN 2391 are exceeded.

Series	LL				L										S									
tube o.d.	4	5	6	8	6	8	10	12	15	18	22	28	35	42	6	8	10	12	14	16	20	25	30	38
H min	24	25	25	26	31	31	33	33	36	38	41	41	48	48	35	35	37	37	43	43	50	54	58	65
L min	30	32	32	33	39	39	42	42	45	48	53	53	60	60	44	44	47	47	54	54	63	68	73	82

②

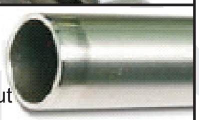


Saw off tube square
1/2° angle tolerance to the tube axis.

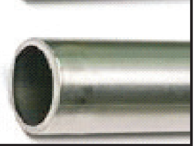
③

Attention : Do not use tube cutter!

a) tube cut with tube cutter : heavy burr/bevel cut



b) sawed off tube: very little burr



④

Lightly de-burr inside and outside edge. Bevel up to 0.3mm x 45°(0.012" x 45") permissible.

B) Preparing fittings parts with lubricants ⑤

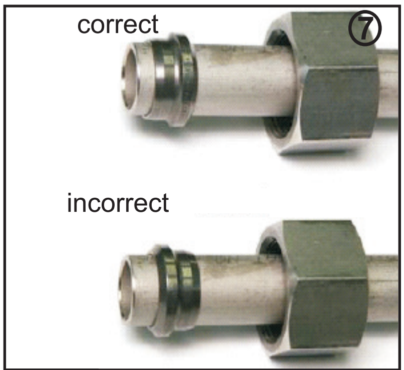
Lubricate thread and cone of fitting body, also cutting ring and thread of nut.

Assembly in fitting body

C) Components 6

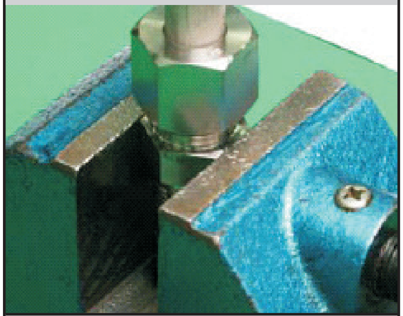
Slip nut and progressive ring over tube end.

7



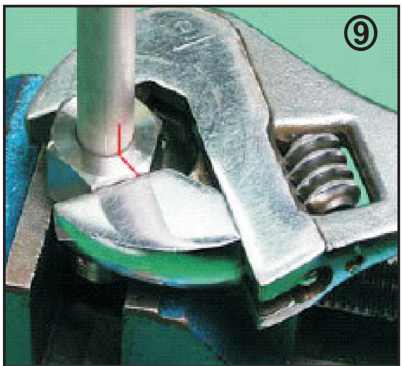
Ensure progressive ring and nut are facing the right way.

D) Assembly 8



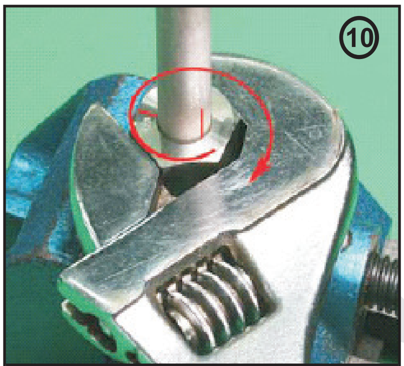
Screw nut manually on to fitting body until finger tight. Hold tube against the shoulderin the cone of fitting body.

9



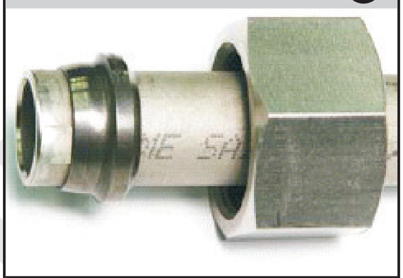
To measure the prescribed turns of the nut, mark nut and tube.

10



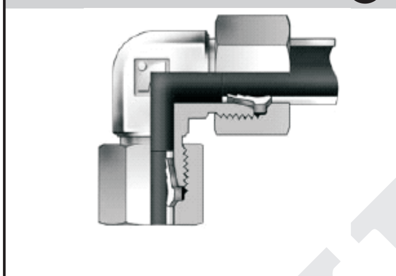
Tighten nut 1-1/2 turns(Tube must not turn with nut). Stops edges limits over tightening by increasing tightening torque.

E) Check 11



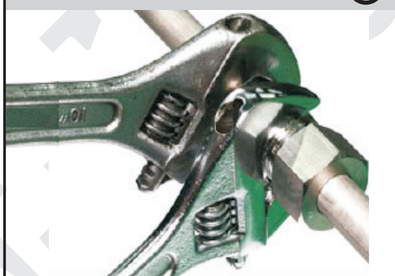
Loosen nut. Remove tube from fitting and check if a visible collar fills space in front of 1st cutting edge completely. If not, tighten slightly more. If dose not matter if ring can be rotated on tube end.

F) Final Assembly 12



Final assembly of all pre-assembled fittings (DSE, DSBT, DSRT, DSRA) made in the appropriate body(well lubricated) with at least 1/4 turn of the nut beyond the point of clearly perceptible resistence.

G) Repeated assembly 13



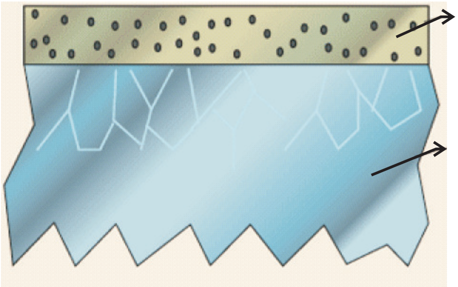
On remaking joints, nut to be tightened without increased effort. Fitting body to be held tight

*After dismantling the tube ends for inspection they should be refitted into the same inner cone of the fitting body in which assembly was carried out.

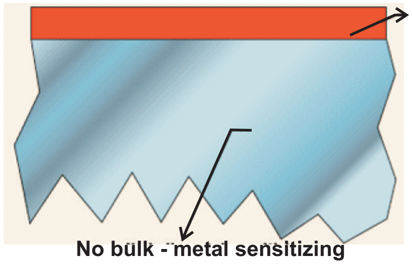
WARNING

We warn against using sealing heads, form A, DIN 3868.
We recommend the use of swivel nuts, from B in conformance with DIN 3865

CONVENTIONAL GAS NITRIDING



SUPERCASE HARDENING



Conventional nitriding and carburizing requires high temperatures that can sentisize Steel and Stainless Steel and make it susceptible to corrosion.

The Super case Hardening Process keeps Chromium in solid solution for corrosion resistance & does not affect the bulk metal

Design Evolution of Ferrules hardening

Ferrules should be originally machined from Cold-drawn stainless steel bar stock. cold drawing stain hardens the metal and imparts mechanical strength throughout the ferrule. But the ferrule's front edge was often still not hard enough to seal against tube surface defects such as scratches, weld seams , ovality and hardness variations, where as the core hardness was too high to deform properly.

One solution was to plate ferrules with a soft metal (such as silver) for a better seal when dealing with high pressure gas. This improved resistance to impulse pressures , temp. swings and vibration.

Many ultra high vacuum and high -pressure seals deform hard edges in to soft metal gaskets. Deforming the soft components with a hard one provides intimate metal to metal contact over the contact surfaces and overcome surface irregularities.

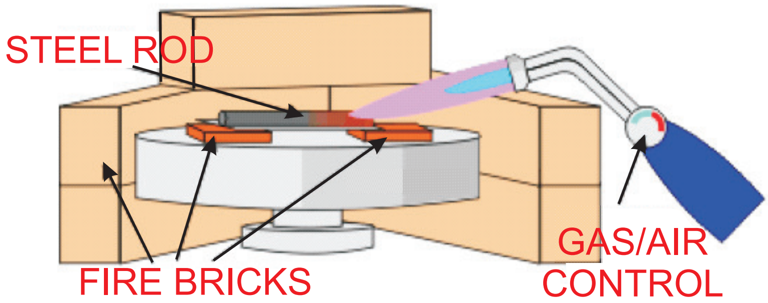
We as manufacturer applied this concept to tube fittings by case hardening ferrules , which substantially increase surface hardness and lets them shear through surface defects and compensate for tubing variations.

Conventional Gas Hardening case hardens the inner surface to a depth of approx. 0.10 to 0.30mm. During assembly, the ferrule front edge shears n to the tube , If disassembled , the ferrule remains tightly locked to the tubing , allowing remakes with consistent sealing integrity . The fitting handles internal pressures , impulse pressures, temp. changes and vibrations until the tubing fractures or fails in fatigue.

Case hardening is a simple method of hardening steel. It is less complex than hardening and tempering. this techniques is used for steels with a low carbon content. Carbon is added to the outer surface of the steel, to the depth of approximately 0.03mm. One advantage of this method of hardening steel is that the inner core is left untouched and so steel processes properties such as flexibility and is still relatively soft .

STAGE ONE:

The steel is heated to red heat. It may be only to necessary to harden one part of the steel and so heat can be concentrated in this area.



STAGE TWO:

The steel is removed from the brazing hearth with blacksmiths tongs and plunged into case hardening compound and allowed to cool a little. The case hardening compound is high in carbon.

STAGE THREE:

The steel is heated again to a red colour, removed from the brazing hearth and plunged into cold, clean water.

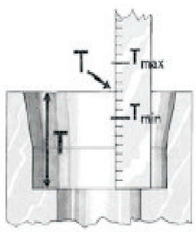
The steel rod should now have a hardened outer surface and a flexible, soft interior.
The process can be repeated to increase the depth of the hardened surface.

•acc. to ISO 9974-1 / ISO 6149-1 / DIN 3852-T1 from X / DIN 3852-T3-from W
•Metric ISO thread M

			MA/Nm								
			Straight male stud fittings with port tapping				Non-return valves RHV / RHZ Form E with ED-sealing	Benjo fittings		Blanking plugs	
Series	Tube O.D.	Thread G	Form A for sealing washer	Form B with face	Form E with ED-sealing	Form F withO-Ring-sealing		WH / TH	SWVE	VSTI-ED Form E with ED-sealing	VSTI-OR Form F with O-Ring sealing
L	6	M10 x 1.0	9	18	18	15	18	18	18	12	20
	8	M12 x 1.5	20	30	30	25	25	45	35	25	
	10	M14 x 1.5	35	45	45	35	35	55	50	35	
	12	M16 x 1.5	45	55	55	40	50	80	60	55	
	15	M18 x 1.5	55	80	70	45	70	100	80	65	
	18	M22 x 1.5	65	140	125	60	125	140	120	90	
	22	M27 x 2.0	90	190	180	100	145	320	130	135	
	28	M33 x 2.0	150	340	310	160	210	360		225	
	35	M42 x 2.0	240	500	450	210	360	540		360	
	42	M48 x 2.0	290	630	540	260	540	700		360	
S	6	M12 x 1.5	20	35	35	35	35	45	35		35
	8	M14 x 1.5	35	55	55	45	45	55	50		45
	10	M16 x 1.5	45	70	70	55	55	80	60		55
	12	M18 x 1.5	55	110	90	70	70	100	80		70
	14	M20 x 1.5	55	150	125	80	100	125	110	80	80
	16	M22 x 1.5	65	170	135	100	125	135	120		100
	20	M27 x 2.0	90	270	180	170	135	320	135		170
	25	M33 x 2.0	150	410	310	310	210	360			310
	30	M42 x 2.0	240	540	450	330	360	540			330
	38	M48 x 2.0	290	700	540	420	540	700			420

Tolerance of tightening torques listed in above table: + 10%
Note: Lubricate stud with hydraulic oil before screwing in! Tightening torques relate to counterpart made of steel.

Check List for " Inside Depth" for DIN 2353 Fittings

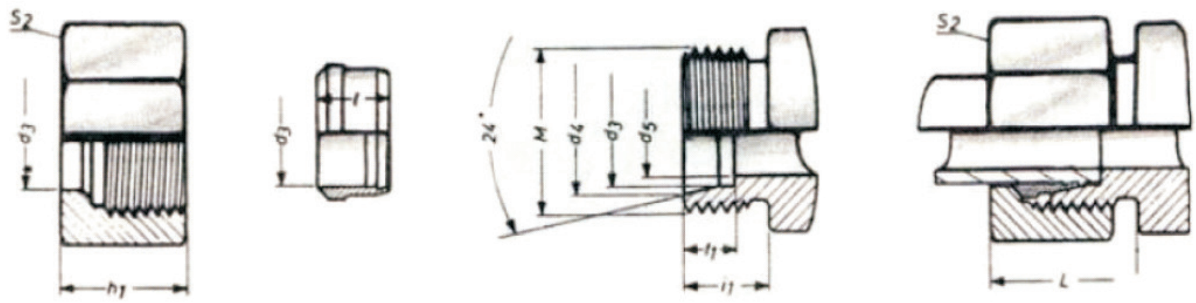


Type	T_{min}	T_{max}		Type	T_{min}	T_{max}
6-L	6.95	7.05		6-S	6.95	7.05
8-L	6.95	7.05		8-S	6.95	7.05
10-L	6.95	7.05		10-S	7.45	7.55
12-L	6.95	7.05		12-S	7.45	7.55
15-L	6.95	7.05		14-S	7.95	8.05
18-L	7.45	7.55		16-S	8.45	8.55
22-L	7.45	7.55		20-S	10.45	10.55
28-L	7.45	7.55		25-S	11.95	12.05
35-L	10.45	10.55		30-S	13.45	13.55
42-L	10.95	11.05		38-S	15.95	16.05

- acc. to ISO 1179-1/DIN 3852-T2-form X
- BSPP thread G

			MA/Nm						
			Straight male stud fittings with port tapping			Non-return valves RHV / RHZ Form E with ED-sealing	Benjo fittings		Blanking plugs
Series	Tube O.D.	Thread G	Form A for sealing washer	Form B with cutting face	Form E with ED-sealing		WH / TH	SWVE	VSTI-ED Form E with ED-sealing
L	6	G 1/8 A	9	18	18	18	18	18	13
	8	G 1/4 A	35	35	35	35	45	40	30
	10	G 1/4 A	35	35	35	35	45	40	
	12	G 3/8 A	45	70	70	50	70	65	60
	15	G 1/2 A	65	140	90	85	120	90	80
	18	G 1/2 A	65	100	90	65	120	90	
	22	G 3/4 A	90	180	180	140	230	125	140
	28	G 1 A	150	330	310	190	320		200
	35	G 1 1/4 A	240	540	450	360	540		450
	42	G 1 ½ A	290	630	540	540	700		450
S	6	G 1/4 A	35	55	55	45	45	40	
	8	G 1/4 A	35	55	55	45	45	40	
	10	G 3/8 A	45	90	80	60	70	65	
	12	G 3/8 A	45	90	80	60	70	65	
	14	G 1/2 A	65	150	115	145	120	90	
	16	G 1/2 A	65	130	115	100	120	90	
	20	G 3/4 A	90	270	180	145	230	125	
	25	G 1 A	150	340	310	260	320		
	30	G 1 1/4 A	240	540	450	360	540		
	38	G 1 1/2 A	290	700	540	540	700		

Tolerance of tightening torques listed in above table: + 10%
Note: Lubricate stud with hydraulic oil before screwing in! Tightening torques relate to counterpart made of steel.



PART NO. FERRULE	NUT	Tube DN o. d. size			M	Series	d_2	d_4	d_5	t_1	i_1	S_2	h_1	l	L
F 4-LL	N 4-LL	4	3	–	M 8x1	LL very light NP 100	4	5	3	4	8	10	11.5	6	14
F 6-LL	N 6-LL	6	4	–	M 10x1		6	7.5	4.5	5.5	8	12	12	7	14
F 8-LL	N 8-LL	8	6	1/8	M 12x1		8	9.5	6	5.5	9	14	12.5	7	15
F 10-LL	N 10-LL	10	8	1/4	M 14x1		10	11.5	8	5.5	9	17	12.5	7	15
F 12-LL	N 12-LL	12	10	3/8	M 16x1		12	13.5	10	6	9	19	13	7.5	15
F 6-L	N 6-L	6	4	–	M 12x1.5	L light NP 250	6	8.1	4	7	10	14	15	9.5	18
F 8-L	N 8-L	8	6	1/8	M 14x1.5		8	10.1	6	7	10	17	15	9.5	18
F 10-L	N 10-L	10	8	1/4	M 16x1.5		10	12.3	8	7	11	19	16	10.5	19
F 12-L	N 12-L	12	10	3/8	M 18x1.5		12	14.3	10	7	11	22	16	10.5	19
F 15-L	N 15-L	15	12	1 /2	M 22x1.5		15	17.3	12	7	12	27	17.5	10.5	20
F 18-L	N 18-L	18	16	1 /2	M 26x1.5	NP 160	18	20.3	15	7.5	12	32	18	10.5	21
F 22-L	N 22-L	22	20	3/4	M 30x2		22	24.3	19	7.5	14	36	20.5	12	23
F 28-L	N 28-L	28	25	1	M 36x2	NP 100	28	30.3	24	7.5	14	41	21	11	23
F 35-L	N 35-L	35	32	1 1/4	M 45x2		35	38	30	10.5	16	50	24	14	27
F 42-L	N 42-L	42	42	1 1 /2	M 52x2		42	45	36	11	16	60	24	14	28
F 6-S	N 6-S	6	3	–	M 14x1.5	S heavy NP 630	6	8.1	4	7	12	17	16	9.5	20
F 8-S	N 8-S	8	4	–	M 16x1.5		8	10.1	5	7	12	19	16	9.5	20
F 10-S	N 10-S	10	6	1/8	M 18x1.5		10	12.3	7	7.5	12	22	17.5	10.5	21
F 12-S	N 12-S	12	8	1/4	M 20x1.5		12	14.3	8	7.5	12	24	18	10.5	21
F 14-S	N 14-S	14	10	3/8	M 22x1.5		14	16.3	10	8	14	27	20	10	24
F 16-S	N 16-S	16	12	1 /2	M 24x1.5	NP 400	16	18.3	12	8.5	14	30	21	10.5	24
F 20-S	N 20-S	20	16	1 /2	M 30x2		20	22.9	16	10.5	16	36	24	13	27
F 25-S	N 25-S	25	20	3/4	M 36x2		25	27.9	20	12	18	46	26.5	13.5	30
F 30-S	N 30-S	30	25	1/	M 42x2	NP 250	30	33	25	13.5	20	50	29.5	13.5	33
F 38-S	N 38-S	38	32	1 1/4	M 52x2		38	41	32	16	22	60	32.5	13.5	37

Dimensions given are approx. figures with tightened nut
No. Fig. of cutting/locking ring

NB.: INCH O.D. AND NOMINAL BORE OD. FITTINGS ARE ALSO AVAILABLE
ASK FOR DRG AND PRICES SEPARATELY.

Tube Fittings Accessories

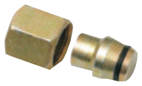

Nut-N

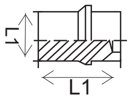

Ferrule-F


Soft sealing Ring-DAZ


Weld Nipple


Support Sleeve


Closure plug



Blanking plug


Vsti plug


Hex plug


Check Nut

Tube to Tube - Fittings


Equal Union - G

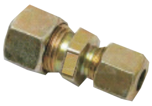

Equal Elbow - W


Equal Tee - T


Equal Cross - K


Bulkhead Union - SV


Bulkhead Elbow - WSV


Unequal Union - GR

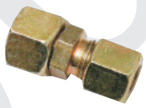

Unequal Tee - TR

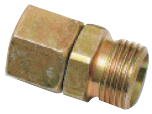
Tube to Swivel - Fittings

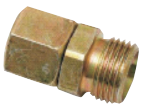

Swivel Elbow - EVW


Swivel Branch Tee - EVT


Swivel Run Tee - EVL


Tube End Reducer - RED


Tube End Reducer - KOR


Distance Piece Adaptor

Wire Swivel Elbow - EW

Wire Swivel Branch Tee

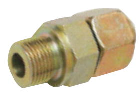
Wire Swivel Run Tee - EL

Swivel to Swivel - Fittings


Swivel Equal Union


Swivel Reducer

Male Stud Connector - Fittings

				
GEO	GE - R	GE - R- ED	GE - R- KED	GE - M
				
GE - M-ED	GE - — KEG	GE -UNF/UN	GE - NPT	EVGE - R
				
EGE - O	EGE - M-ED	EGE - R-ED	EVGE - R-ED	EVGE - NPT

Lock Nut Adjustable - Fittings

				
WEE -OR	WEE -M	WEE -R	WEE -UNF	TEE -OR
				
TEE -M	TEE -R	LEE -R	LEE -M	LEE -UNF

Banjo Elbow & Tee - Fittings

				
WH-R-KDS-O RING	WH-M-KDS-O RING	SWVE-R	SWVE-M	KDSWVE-R
				
KDSWVE-M	TH-R-KDS	TH-M-KDS	TH-R	TH-M

Non Adjustable - Fittings


WE-NPT


WE-M -KEG


WE-M


WE-R


WE-R-KEG


TE-M


TE-R


TE-R-KEG

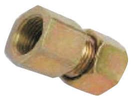

LE-M


LE-R

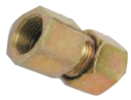
Tube to Female - Fittings


GAI-R


GAI-M


GAI-BSPT


GAI-NPT


GAI-UNF

Port Reducers - Fittings


RI-ED


RI

Gauge Adaptor - Fittings


MAV

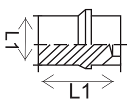

MAVF

Blanking Plugs - Fittings


ROV


VSTI-R


VKA



BUZ


Hex Plug

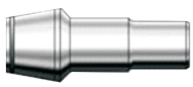
Weld fittings - Fittings

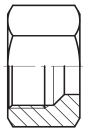
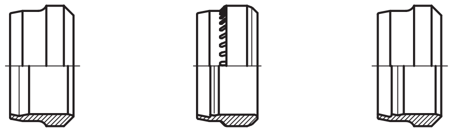
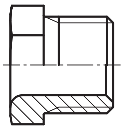
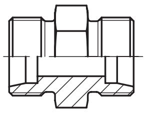
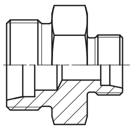
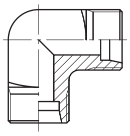
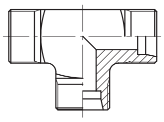
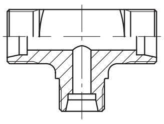
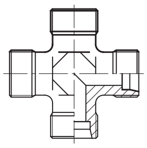
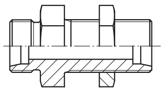
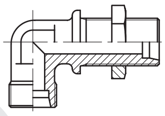
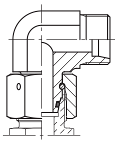
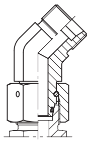
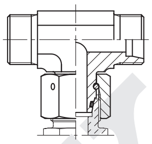
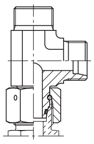
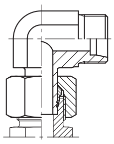
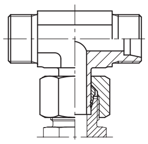
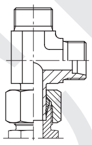
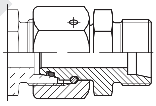
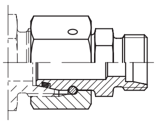
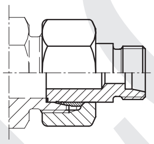
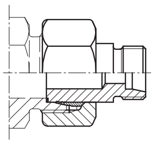
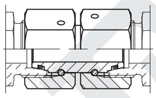
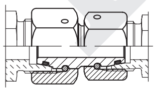
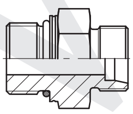
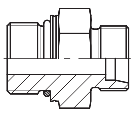
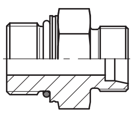
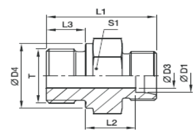

Weld adaptor -AS

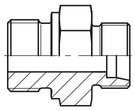
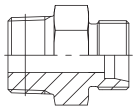
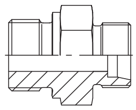
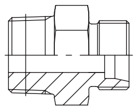
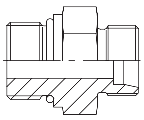
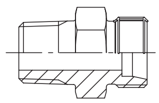
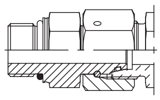
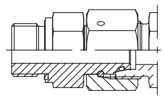
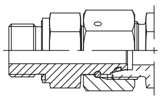
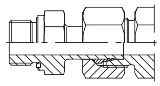
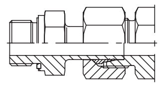
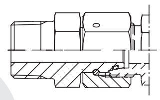
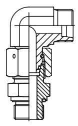
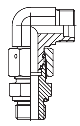
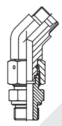
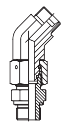
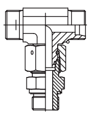
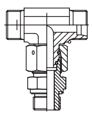
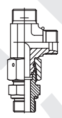
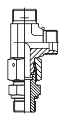
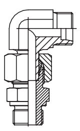
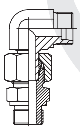
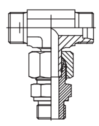
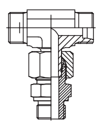
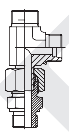
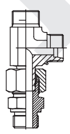
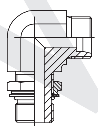
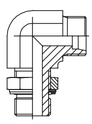
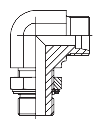
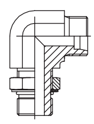

Weld elbow- WAS

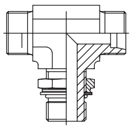
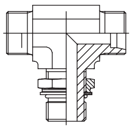
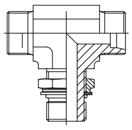
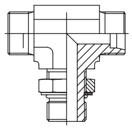
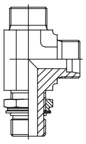
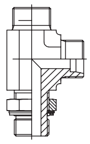
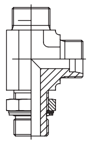
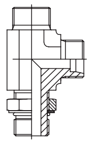
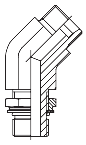
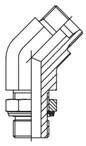
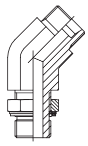
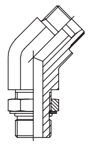
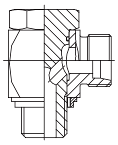
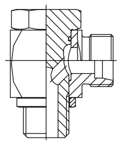
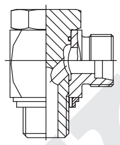
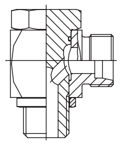
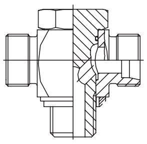
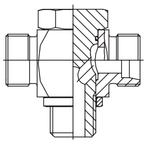
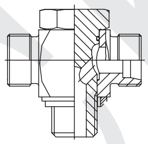
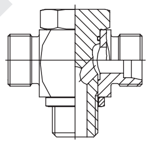
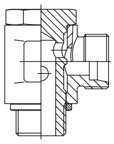
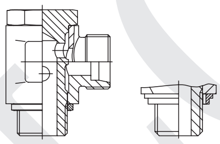
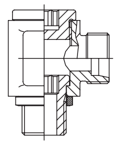
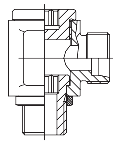
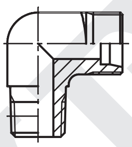
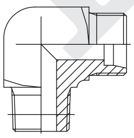
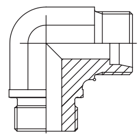
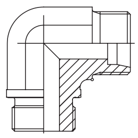
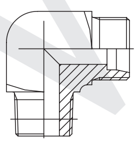
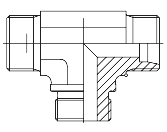
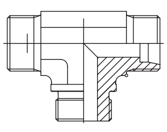
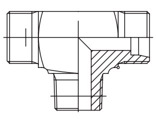

Bulkhead Weld coupling

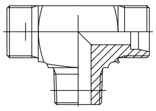
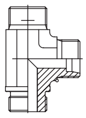
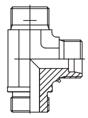
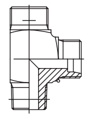
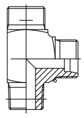
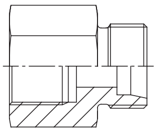
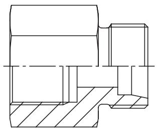
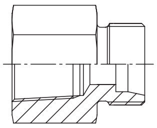
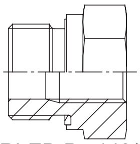
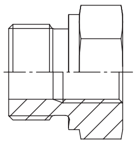
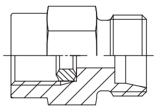
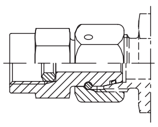
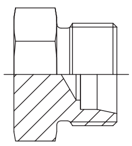
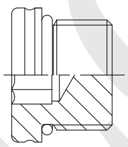
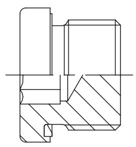
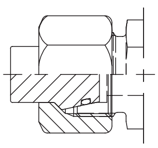
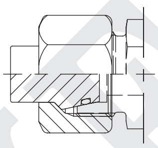
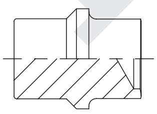
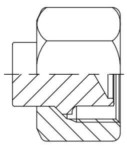
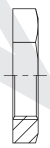
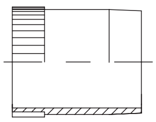
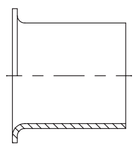
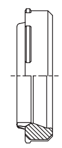

Weld Nipple

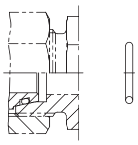
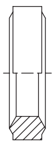
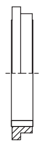
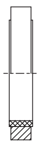
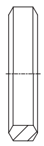

Reducing WNO

Fitting components	 VEN Pg.31	 VEF Pg.32		 VES Pg.33
Tube to tube	 VEG Pg.34	 VEGR Pg.35	 VEW Pg.36	 VET Pg.37
	 VETR Pg.38/39	 VEK Pg.40	 VESV Pg.41	 VEWSV Pg.42
Tube to swivel	 VEEW Pg.43	 VEEV Pg.44	 VEET Pg.45	 VEEL Pg.46
	 VEEVW Pg.47	 VEEVT Pg.48	 VEEVLPg.49	 VEDA Pg.50
	 VERED Pg.51/52/53/54	 VEKOR(Steel/Brass) Pg.55/56	 VEKOR(Stainless Steel) Pg.57/58/59/60	
Swivel to swivel	 VEGZ Pg.61	 VEGZR Pg.62/63		
Male stud connector	 VEGEO Pg.64	 VEGE-M-ED Pg.65	 VEGE-R-ED Pg.66/67	 LIGHT SERIES Pg. 68

	 VEGE-R Pg.69	 VEGE-R(KEG) Pg.70	 VEGE-M Pg.71	 VEGE-M(KEG) Pg.72
Male stud connector	 VEGE-UNF/UN Pg.73	 VEGE-NPT Pg.74	 VEEGEO Pg.75	 VEEGE-M-ED Pg.76
	 VEEGE-R-ED Pg.77	 VEGE-M-ED Pg.78	 VEEVGEO-R-ED Pg.79	 VEEGE-NPT Pg.80
	 VEEW-M-ED Pg.81	 VEEW-R-ED Pg.82	 VEEV-M-ED Pg.83	 VEEV-R-ED Pg.84
Swivel Adjustable	 VEET-M-ED Pg.85	 VEET-R-ED Pg.86	 VEEL-M-ED Pg.87	 VEEL-R-ED Pg.88
	 VEEVW-M Pg.89	 VEEVW-R Pg.90	 VEEVT-M Pg.91	 VEEVT-R Pg.92
	 VEEVL-M Pg.93	 VEEVL-R Pg.94		
Locknut Adjustable	 VEWEE-OR Pg.95	 VEWEE-M Pg.96	 VEWEE-R Pg.97	 VEWEE-UNF Pg.98

Locknut Adjustable	 VETEE-OR Pg.99	 VETEE-M Pg.100	 VETEE-R Pg.101	 VETEE-UNF Pg.102
	 VELEE-OR Pg.103	 VELEE-M Pg.104	 VELEE-R Pg.105	 VELEE-UNF Pg.106
	 VEVEE-OR Pg.107	 VEVEE-M Pg.108	 VEVEE-R Pg.109	 VEVEE-UNF Pg.110
Banjo fittings	 VEWH-M-KDS Pg.111	 VEWH-M Pg.112	 VEWH-R-KDS Pg.113	 VEWH-R Pg.114
	 VETH-M-KDS Pg.115	 VETH-M Pg.116	 VETH-R-KDS Pg.117	 VETH-R Pg.118
	 VESWVE-M Pg.119	 VESWVE-R Pg.120	 VEDSVW-M Pg.121	 VEDSVW-R Pg.122
Non Adjustable	 VEWE-NPT Pg.123	 VEWE-M(KEG) Pg.124	 VEWE-M Pg.125	 VEWE-R Pg.126/127
	 VEWE-R(KEG) Pg.128	 VETE-M Pg.129	 VETE-R Pg.130	 VETE-R(KEG) Pg.131

Non Adjustable	 VETEM-(KEG) Pg.132	 VELE-M Pg.133	 VELE-R Pg.134	 VELE-R(KEG) Pg.135
	 VELE-M Pg.136			
Tube to female	 VEGAI-M Pg.137	 VEGAI-R Pg.138	 VEGAI-NPT Pg.139	
Port reducers	 VERI-ED Pg.140/141	 VERI Pg.142		
Pressure Gauge Adapter	 VEMAV Pg.143	 VEMAVE Pg.144		
Plugs	 VEROV Pg.145	 VEVSTI M-OR Pg.146	 VEVSTI M/R-ED Pg.147	 VEVKA Pg.148
	 VEVKAM Pg.149	 VEBUZ Pg.150	 VEBUZM Pg.151	
Components	 VEGM Pg.152	 VEVH Pg.153	 VEE Pg.154	 VEDOZ Pg.155

Components	 VEED Pg.156	 VEOR Pg.157	 VEDKI Pg.158	 VEKDS Pg.159
	 VEKD Pg.160	 VEDKAZ Pg.161	 VEDKA Pg.162	

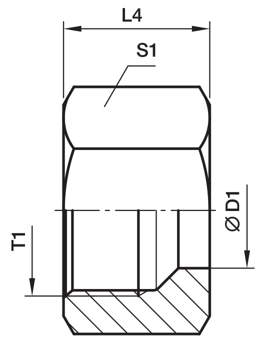
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Nut: N

Series	D1	T1	L4	S1	Weight g/1 piece	DIN ORDER CODE	VELOCK ORDER CODE	W.P. = IN BAR			
								CF	A3C	71	MS
LL	04	M8X1	11	10	4	N04LL	**VEN04LL**	100	100	100	63
	06	M10X1	11.5	12	6	N06LL	**VEN06LL**	100	100	100	63
	08	M12X1	12	14	7	N08LL	**VEN08LL**	100	100	100	63
	10	M14X1	12.5	17	11	N10LL	**VEN10LL**	100	100	100	63
	12	M16X1	13	19	13	N12LL	**VEN12LL**	100	100	100	63
L	06	M12X1.5	14.5	14	10	N06L	**VEN06L**	500	315	315	200
	08	M14X1.5	14.5	17	15	N08L	**VEN08L**	500	315	315	200
	10	M16X1.5	15.5	19	18	N12L	**VEN12L**	500	315	315	200
	12	M18X1.5	15.5	22	25	N12L	**VEN12L**	400	315	315	200
	15	M22X1.5	17	27	42	N15L	**VEN15L**	400	315	315	200
	18	M26X1.5	18	32	62	N18L	**VEN18L**	400	315	315	200
	22	M30X2	20	36	82	N22L	**VEN22L**	250	160	160	100
	28	M36X2	21	41	89	N28L	**VEN28L**	250	160	160	100
	35	M45X2	24	50	137	N35L	**VEN35L**	250	160	160	100
	42	M52X2	24	60	216	N42L	**VEN42L**	250	160	160	100
S	06	M14X1.5	16.5	17	17	N06S	**VEN06S**	800	630	630	400
	08	M16X1.5	16.5	19	20	N08S	**VEN08S**	800	630	630	400
	10	M18X1.5	17.5	22	31	N10S	**VEN10S**	800	630	630	400
	12	M20X1.5	17.5	24	34	N12S	**VEN12S**	630	630	630	400
	14	M22X1.5	20.5	27	53	N14S	**VEN14S**	630	630	630	400
	16	M24X1.5	20.5	30	66	N16S	**VEN16S**	630	630	630	400
	20	M30X2	24	36	102	N20S	**VEN20S**	420	400	400	250
	25	M36X2	27	46	202	N25S	**VEN25S**	420	400	400	250
	30	M42X2	29	50	219	N30S	**VEN30S**	420	400	400	250
	38	M52X2	32.5	60	339	N38S	**VEN38S**	420	315	315	200

* S1 - Dimensions may vary according to the forged body

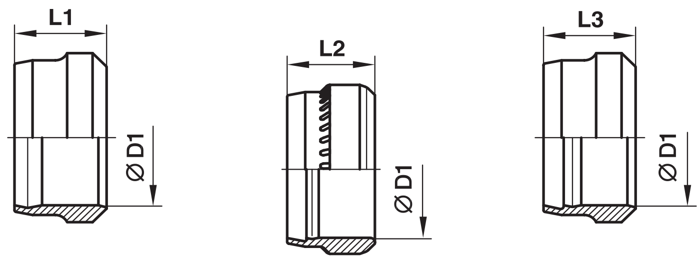
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish

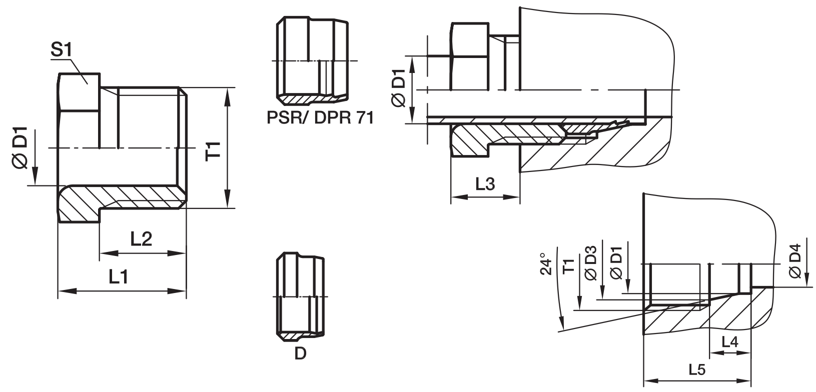


			Order code							Order code			Order code		
			Steel,zinc plated							Steel,zinc plated					
			Cr6 free		Stainless Steel		Brass			Cr6 free			Stainless Steel		
Series	D1	L1	VELOCK ORDER CODE	PN (bar)	VELOCK ORDER CODE	PN (bar)	VELOCK ORDER CODE	PN (bar)	L2	VELOCK ORDER CODE	PN (bar)	L3	VELOCK ORDER CODE	PN (bar)	Weight g/1 pc.
LL	04	6.0	**VEF 4LL**	100	**VEF 4LL**	100	**VEF 4LL**	63							0.3
	06	7.0	**VEF 6LL**	100	**VEF 6LL**	100	**VEF 6LL**	63							0.8
	08	7.0	**VEF 8LL**	100	**VEF 8LL**	100	**VEF 8LL**	63							1
	10	7.0	**VEF 10LL**	100	**VEF 10LL**	100	**VEF 10LL**	63							1.3
	12	7.5	**VEF 12LL**	100	**VEF 12LL**	100	**VEF 12LL**	63							1.6
L	06	9.5					**VEF 6 L**	200	9.5	**VEF 6 L**	500	9	**VEF 6 L**	315	1.7
	08	9.0					**VEF 8 L**	200	9.5	**VEF 8 L**	500	9	**VEF 8 L**	315	2.2
	10	10.0					**VEF 10 L**	200	10.0	**VEF 10 L**	500	9.5	**VEF 10 L**	315	3.1
	12	10.0					**VEF 12 L**	200	10.0	**VEF 12 L**	400	9.8	**VEF 12 L**	315	3.5
	15	10.0					**VEF 15 L**	200	10.0	**VEF 15 L**	400	9.5	**VEF 15 L**	315	4.5
	18	10.0					**VEF 18 L**	200	10.0	**VEF 18 L**	400	9.5	**VEF 18 L**	315	5.5
	22	10.5					**VEF 22 L**	100	10.5	**VEF 22 L**	250	10.5	**VEF 22 L**	160	7.3
	28	10.5					**VEF 28 L**	100	10.5	**VEF 28 L**	250	11	**VEF 28 L**	160	9.4
	35	13.0					**VEF 35 L**	100	13.0	**VEF 35 L**	250	13.5	**VEF 35 L**	160	20
	42	13.5					**VEF 42 L**	100	13.0	**VEF 42 L**	250	13.5	**VEF 42 L**	160	23
S	06	9.5					**VEF 6 S**	400	9.5	**VEF 6 S**	800	9	**VEF 6 S**	630	1.7
	08	9.0					**VEF 8 S**	400	9.5	**VEF 8 S**	800	9	**VEF 8 S**	630	3.2
	10	10.0					**VEF 10 S**	400	10.0	**VEF 10 S**	800	9.5	**VEF 10 S**	630	3.1
	12	10.0					**VEF 12 S**	400	10.0	**VEF 12 S**	630	9.8	**VEF 12 S**	630	3.5
	14	10.0					**VEF 14 S**	400	10.0	**VEF 14 S**	630	9.5	**VEF 14 S**	630	3.9
	16	10.5					**VEF 16 S**	250	10.0	**VEF 16 S**	630	9.5	**VEF 16 S**	400	5.6
	20	12.5					**VEF 20 S**	250	13.0	**VEF 20 S**	420	12.5	**VEF 20 S**	400	11.4
	25	12.5					**VEF 25 S**	250	13.0	**VEF 25 S**	420	12.5	**VEF 25 S**	400	13.3
	30	13.0					**VEF 30 S**	250	13.0	**VEF 30 S**	420	12.5	**VEF 30 S**	400	19.3
	38	13.5					**VEF 38 S**	250	13.0	**VEF 38 S**	420	13	**VEF 38 S**	315	22.5

* S1 - Dimensions may vary according to the forged body

Properties

Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish



Series	D1	T1	D3	D4	L1	L2	L3	L4	L5	S1	Weight g/1piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	7 1
LL	04	M8·1	5.0	3.0	12	8.0	6	4.0	12.5	8	3	S04LL	**VES04LL**	100	100	100
	06	M10·1	7.5	4.5	13	9.0	7	5.5	14.5	10	4	S06LL	**VES06LL**	100	100	100
	08	M12·1	9.5	6.0	14	9.5	7	5.5	14.5	12	6	S08LL	**VES08LL**	100	100	100
L	06	M12·1.5	8.1	4.0	16	11.5	10	7.0	18.5	12	9	S06L	**VES06L**	315	315	315
	08	M14·1.5	10.1	6.0	16	11.5	10	7.0	18.5	14	11	S08L	**VES08L**	315	315	315
	10	M16·1 5	12 3	8 0	17	11.5	10	7 0	18.5	17	15	S10L	**VES10L**	315	315	315
	12	M18·1.5	14.3	10.0	18	12.0	10	7.0	19.0	19	19	S12L	**VES12L**	315	315	315

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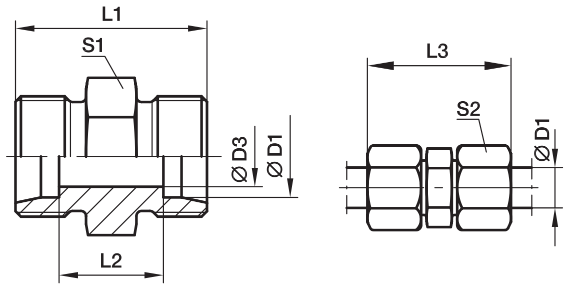
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D3	L1	L2	L3	S1	S2	Weight g/1 piece	DIN ORDER CODE	VELOCK ORDER CODE	W.P. = IN BAR			
											CF	MS	71	A3C
LL	04	3	20	12	31	9	10	5	G04LL	**VEG04LL**	100	100	100	63
	06	4.5	20	9	32	11	12	7	G06LL	**VEG06LL**	100	100	100	63
	08	6	23	12	35	12	14	10	G08LL	**VEG08LL**	100	100	100	63
	10	8	23	12	35	14	17	13	G10LL	**VEG10LL**	100	100	100	63
	12	10	23	11	35	17	19	16	G12LL	**VEG12LL**	100	100	100	63
L	06	4	24	10	39	12	14	12	G06L	**VEG06L**	500	315	315	200
	08	6	25	11	40	14	17	16	G08L	**VEG08L**	500	315	315	200
	10	8	27	13	42	17	19	23	G10L	**VEG10L**	500	315	315	200
	12	10	28	14	43	19	22	28	G12L	**VEG12L**	400	315	315	200
	15	12	30	16	46	24	27	51	G15L	**VEG15L**	400	315	315	200
	18	15	31	16	48	27	32	69	G18L	**VEG18L**	400	315	315	200
	22	19	35	20	52	32	36	90	G22L	**VEG22L**	250	160	160	100
	28	24	36	21	54	41	41	137	G28L	**VEG28L**	250	160	160	100
	35	30	41	20	63	46	50	214	G35L	**VEG35L**	250	160	160	100
	42	36	43	21	66	55	60	296	G42L	**VEG42L**	250	160	160	100
S	06	4	30	16	45	14	17	26	G06S	**VEG06S**	800	630	630	400
	08	5	32	18	47	17	19	37	G08S	**VEG08S**	800	630	630	400
	10	7	32	17	49	19	22	44	G10S	**VEG10S**	800	630	630	400
	12	8	34	19	51	22	24	60	G12S	**VEG12S**	630	630	630	400
	14	10	38	22	57	24	27	77	G14S	**VEG14S**	630	630	630	400
	16	12	38	21	57	27	30	90	G16S	**VEG16S**	630	400	400	250
	20	16	44	23	66	32	36	143	G20S	**VEG20S**	420	400	400	250
	25	20	50	26	74	41	46	251	G25S	**VEG25S**	420	400	400	250
	30	25	54	27	80	46	50	330	G30S	**VEG30S**	420	400	400	250
	38	32	61	29	90	55	60	545	G38S	**VEG38S**	420	315	315	200

* S1 - Dimensions may vary according to the forged body

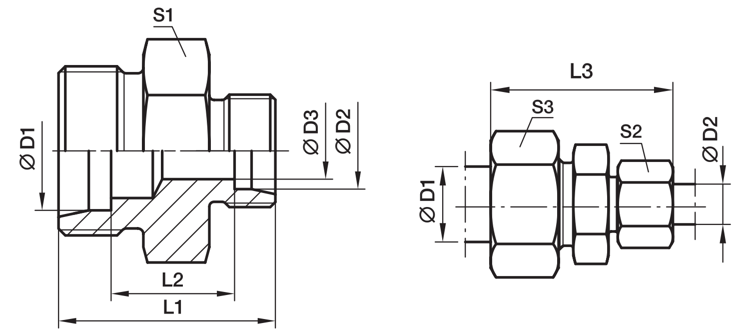
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D2	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	DIN ORDER CODE	VELOCK ORDER CODE	W.P. = IN BAR			
													CF	A3C	71	MS
	06	04	3	20	10.5	32	11	10	12	7	GR06/04LL	**VEGR06/04LL**	100	100	100	63
LL	08	04	3	22	12.5	34	12	10	14	9	GR08/04LL	**VEGR08/04LL**	100	100	100	63
	08	06	4.5	22	11	34	12	12	14	11	GR08/06LL	**VEGR08/06LL**	100	100	100	63
	08	06	4	25	11	40	14	14	17	16	GR08/06L	**VEGR08/06L**	500	315	315	200
	10	06	4	26	12	41	17	14	19	21	GR10/06L	**VEGR10/06L**	500	315	315	200
L	10	08	6	26	12	41	17	17	19	21	GR10/08L	**VEGR10/08L**	500	315	315	200
	12	06	4	27	13	42	19	14	22	26	GR12/06L	**VEGR12/06L**	400	315	315	200
	12	08	6	27	13	42	19	17	22	26	GR12/08L	**VEGR12/08L**	400	315	315	200
	12	10	8	28	14	43	19	19	22	29	GR12/10L	**VEGR12/10L**	400	315	315	200
	15	10	8	29	15	45	24	19	27	46	GR15/10L	**VEGR15/10L**	400	315	315	200
	15	12	10	29	15	45	24	22	27	45	GR15/12L	**VEGR15/12L**	400	315	315	200
	18	10	8	30	15.5	46	27	19	32	65	GR18/10L	**VEGR18/10L**	400	315	315	200
	18	12	10	30	15.5	46	27	22	32	64	GR18/12L	**VEGR18/12L**	400	315	315	200
	18	15	12	31	16.5	48	27	27	32	65	GR18/15L	**VEGR18/15L**	400	315	315	200
	22	12	10	32	17.5	48	32	22	36	80	GR22/12L	**VEGR22/12L**	250	160	160	100
	22	15	12	33	18.5	50	32	27	36	89	GR22/15L	**VEGR22/15L**	250	160	160	100
	22	18	15	33	18	50	32	32	36	89	GR22/18L	**VEGR22/18L**	250	160	160	100
	28	18	15	34	19	52	41	32	41	142	GR28/18L	**VEGR28/18L**	250	160	160	100
	28	22	19	36	21	54	41	36	41	139	GR28/22L	**VEGR28/22L**	250	160	160	100
	35	22	19	39	21	59	46	36	50	202	GR35/22L	**VEGR35/22L**	250	160	160	100
	35	28	24	39	21	59	46	41	50	206	GR35/28L	**VEGR35/28L**	250	160	160	100
	42	35	30	43	21.5	66	55	50	60	330	GR42/35L	**VEGR42/35L**	250	160	160	100
	08	06	4	32	18	47	17	17	19	35	GR08/06S	**VEGR08/06S**	800	630	630	400
	10	06	4	32	17.5	48	19	17	22	41	GR10/06S	**VEGR10/06S**	800	630	630	400
	10	08	5	32	17.5	48	19	17	22	42	GR10/08S	**VEGR10/08S**	800	630	630	400
	12	06	4	34	19.5	50	22	17	24	56	GR12/06S	**VEGR12/06S**	630	630	630	400
	12	08	5	34	19.5	50	22	19	24	57	GR12/08S	**VEGR12/08S**	630	630	630	400
	12	10	7	34	19	51	22	22	24	59	GR12/10S	**VEGR12/10S**	630	630	630	400
	14	10	7	36	20.5	54	24	22	27	70	GR14/10S	**VEGR14/10S**	630	630	630	400
	14	12	8	36	20.5	54	24	24	27	72	GR14/12S	**VEGR14/12S**	630	630	630	400
	16	10	7	36	20	57	27	22	30	80	GR16/10S	**VEGR16/10S**	630	630	630	400
S	16	12	8	36	20	54	27	24	30	87	GR16/12S	**VEGR16/12S**	630	630	630	400
	16	14	10	36	21.5	57	27	27	30	79	GR16/14S	**VEGR16/14S**	630	630	630	400
	20	10	7	40	22	60	32	22	36	129	GR20/10S	**VEGR20/10S**	420	400	400	250
	20	12	8	40	22	60	32	24	36	131	GR20/12S	**VEGR20/12S**	420	400	400	250
	20	16	12	42	23	63	32	30	36	134	GR20/16S	**VEGR20/16S**	420	400	400	250
	25	16	12	46	25.5	68	41	30	46	236	GR25/16S	**VEGR25/16S**	420	400	400	250
	25	20	16	48	25.5	71	41	36	46	235	GR25/20S	**VEGR25/20S**	420	400	400	250
	30	20	16	50	26	74	46	36	50	299	GR30/20S	**VEGR30/20S**	420	400	400	250
	30	25	20	52	26.5	77	46	46	50	317	GR30/25S	**VEGR30/25S**	420	400	400	250
	38	30	25	59	29.5	87	55	50	60	522	GR38/30S	**VEGR38/30S**	420	315	315	200

* S1 - Dimensions may vary according to the forged body

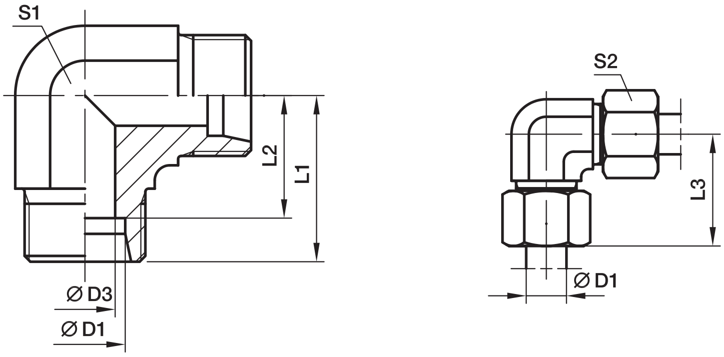
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D3	L1	L2	L3	S1	S2	Weight g/1 piece	DIN CODE ORDER CODE	VELOCK ORDER CODE	W.P. = IN BAR			
											CF	MS	71	A3C
LL	04	3	15	11	21	9	10	13	W04LL	**VEW04LL**	100	100	100	63
	06	4.5	15	9.5	21	9	12	15	W06LL	**VEW06LL**	100	100	100	63
	08	6	17	12	23	12	14	23	W08LL	**VEW08LL**	100	100	100	63
	10	8	18	13	24	12	17	32	W10LL	**VEW10LL**	100	100	100	63
	12	10	19	13	25	14	19	41	W12LL	**VEW12LL**	100	100	100	63
L	06	4	19	12	27	12	14	29	W06L	**VEW06L**	500	315	315	200
	08	6	21	14	29	12	17	43	W08L	**VEW08L**	500	315	315	200
	10	8	22	15	30	14	19	54	W10L	**VEW10L**	500	315	315	200
	12	10	24	17	32	17	22	80	W12L	**VEW12L**	500	315	315	200
	15	12	28	21	36	19	27	81	W15L	**VEW15L**	500	315	315	200
	18	15	31	24	40	24	32	140	W18L	**VEW18L**	400	315	315	200
	22	19	35	28	44	27	36	178	W22L	**VEW22L**	250	160	160	100
	28	24	38	31	47	36	41	340	W28L	**VEW28L**	250	160	160	100
	35	30	45	35	56	41	50	458	W35L	**VEW35L**	250	160	160	100
	42	36	51	40	63	50	60	776	W42L	**VEW42L**	250	160	160	100
S	06	4	23	16	31	12	17	52	W06S	**VEW06S**	800	630	630	400
	08	5	24	17	32	14	19	74	W08S	**VEW08S**	800	630	630	400
	10	7	25	18	34	17	22	97	W10S	**VEW10S**	800	630	630	400
	12	8	29	22	38	17	24	137	W12S	**VEW12S**	630	630	630	400
	14	10	30	22	40	19	27	145	W14S	**VEW14S**	630	630	630	400
	16	12	33	25	43	24	30	162	W16S	**VEW16S**	630	400	400	250
	20	16	37	27	48	27	36	221	W20S	**VEW20S**	420	400	400	250
	25	20	42	30	54	36	46	424	W25S	**VEW25S**	420	400	400	250
	30	25	49	36	62	41	50	603	W30S	**VEW30S**	420	400	400	250
	38	32	57	41	72	50	60	1010	W38S	**VEW38S**	420	315	315	200

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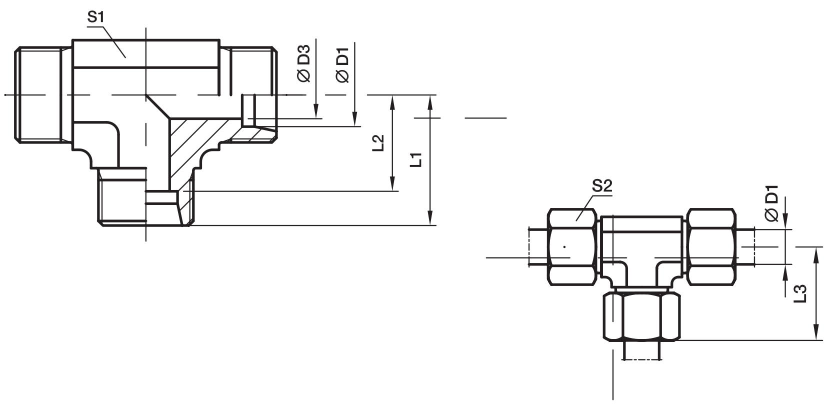

Series	D1	D3	L1	L2	S1	L3	S2	Weight g/1 piece	DIN CODE Order code	VELOCK Order code	W.P. = IN BAR			
											CF	A3C	71	MS
LL	04	3	15	11	21	9	10	19	T04LL	**VET04LL**	100	100	100	63
	06	4.5	15	9.5	21	9	12	20	T06LL	**VET06LL**	100	100	100	63
	08	6	17	11.5	23	12	14	27	T08LL	**VET08LL**	100	100	100	63
	10	8	18	12.5	24	12	17	39	T10LL	**VET10LL**	100	100	100	63
	12	10	21	15	27	14	19	45	T12LL	**VET12LL**	100	100	100	63
L	06	4	19	12	27	12	14	37	T06L	**VET06L**	500	315	315	200
	08	6	21	14	29	12	17	53	T08L	**VET08L**	500	315	315	200
	10	8	22	15	30	14	19	48	T10L	**VET10L**	500	315	315	200
	12	10	24	17	32	17	22	65	T12L	**VET12L**	400	315	315	200
	15	12	28	21	36	19	27	106	T15L	**VET15L**	400	315	315	200
	18	15	31	23.5	40	24	32	179	T18L	**VET18L**	400	315	315	200
	22	19	35	27.5	44	27	36	225	T22L	**VET22L**	250	160	160	100
	28	24	38	30.5	47	36	41	396	T28L	**VET28L**	250	160	160	100
	35	30	45	34.5	56	41	50	567	T35L	**VET35L**	250	160	160	100
	42	36	51	40	63	50	60	905	T42L	**VET42L**	250	160	160	100
S	06	4	23	16	31	12	17	68	T06S	**VET06S**	800	630	630	400
	08	5	24	17	32	14	19	70	T08S	**VET08S**	800	630	630	400
	10	7	25	17.5	34	17	22	91	T10S	**VET10S**	800	630	630	400
	12	8	29	21.5	38	17	24	117	T12S	**VET12S**	630	630	630	400
	14	10	30	22	40	19	27	136	T14S	**VET14S**	630	630	630	400
	16	12	33	24.5	43	24	30	202	T16S	**VET16S**	630	630	630	400
	20	16	37	26.5	48	27	36	289	T20S	**VET20S**	420	400	400	250
	25	20	42	30	54	36	46	545	T25S	**VET25S**	420	400	400	250
	30	25	49	35.5	62	41	50	758	T30S	**VET30S**	420	400	400	250
	38	32	57	41	72	50	60	1264	T38S	**VET38S**	420	315	315	200

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Properties

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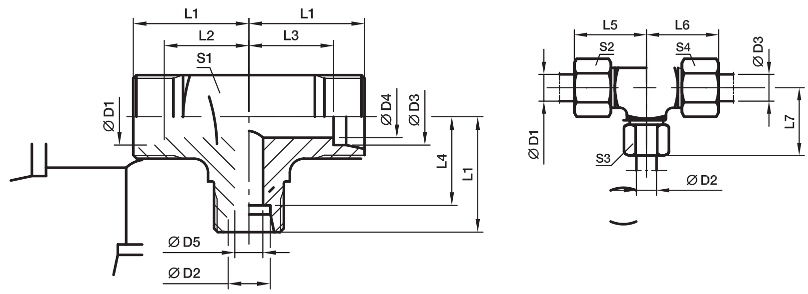
Surface finish Mat Buff Surface Finish



Series	D1	D2	D3	D4	D5	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	S4	S5	Weight g/1 piece	DIN CODE Order code	VELOCK Order code	W.P. = IN BAR CF	A3C	71	MS
LL	04	08	04	3.0	6	17	13.0	13.0	11.5	23	23	23	12	10	14	10	12	27	TR04/08/04LL	**VETR04/08/04LL**	100	100	100	63
	06	04	06	4.5	3	15	9.5	9.5	11.0	21	21	21	11	12	10	12	9	18	TR06/04/06LL	**VETR06/04/06LL**	100	100	100	63
L	06	08	06	4.0	6	21	14.0	14.0	14.0	29	29	29	14	14	17	14	12	54	TR06/08/06L	**VETR06/08/06L**	500	315	315	200
	08	06	08	6.0	4	21	14.0	14.0	14.0	29	29	29	14	17	14	17	12	53	TR08/06/08L	**VETR08/06/08L**	500	315	315	200
	06	10	06	4.0	8	22	15.0	15.0	15.0	30	30	30		14	19	14	14	53	TR06/10/06L	**VETR06/10/06L**	500	315	315	200
	08	10	08	6.0	8	22	15.0	15.0	15.0	30	30	30		17	19	17	14	50	TR08/10/08L	**VETR08/10/08L**	500	315	315	200
	10	06	10	8.0	4	22	15.0	15.0	15.0	30	30	30		19	14	19	14	46	TR10/06/10L	**VETR10/06/10L**	500	315	315	200
	10	08	10	8.0	6	22	15.0	15.0	15.0	30	30	30		19	17	19	14	43	TR10/08/10L	**VETR10/08/10L**	500	315	315	200
	10	10	06	4.0	8	22	15.0	15.0	15.0	30	30	30		19	19	14	14	49	TR10/10/06L	**VETR10/10/06L**	500	315	315	200
	08	12	08	6.0	10	24	17.0	17.0	17.0	32	32	32		17	22	17	17	67	TR08/12/08L	**VETR08/12/08L**	400	315	315	200
	12	06	12	10.0	4	24	17.0	17.0	17.0	32	32	32		22	14	22	17	66	TR12/06/12L	**VETR12/06/12L**	400	315	315	200
	12	08	08	6.0	6	24	17.0	17.0	17.0	32	32	32		22	17	17	17	66	TR12/08/08L	**VETR12/08/08L**	400	315	315	200
	12	08	12	10.0	6	24	17.0	17.0	17.0	32	32	32		22	17	22	17	68	TR12/08/12L	**VETR12/08/12L**	400	315	315	200
	12	10	10	8.0	8	24	17.0	17.0	17.0	32	32	32		22	19	19	17	67	TR12/10/10L	**VETR12/10/10L**	400	315	315	200
	12	10	12	10.0	8	24	17.0	17.0	17.0	32	32	32		22	19	22	17	67	TR12/10/12L	**VETR12/10/12L**	400	315	315	200
	12	12	10	8.0	10	24	17.0	17.0	17.0	32	32	32		22	22	19	17	64	TR12/12/10L	**VETR12/12/10L**	400	315	315	200
	10	15	10	8.0	12	28	21.0	21.0	21.0	36	36	36		19	27	19	19	105	TR10/15/10L	**VETR10/15/10L**	400	315	315	200
	12	15	12	10.0	12	28	21.0	21.0	21.0	36	36	36		22	27	22	19	102	TR12/15/12L	**VETR12/15/12L**	400	315	315	200
	15	06	15	12.0	4	28	21.0	21.0	21.0	36	36	36		27	14	27	19	107	TR15/06/15L	**VETR15/06/15L**	400	315	315	200
	15	10	15	12.0	8	28	21.0	21.0	21.0	36	36	36		27	19	27	19	105	TR15/10/15L	**VETR15/10/15L**	400	315	315	200
	15	12	12	10.0	10	28	21.0	21.0	21.0	36	36	36		27	22	22	19	101	TR15/12/12L	**VETR15/12/12L**	400	315	315	200
	15	12	15	12.0	10	28	21.0	21.0	21.0	36	36	36		27	22	27	19	105	TR15/12/15L	**VETR15/12/15L**	400	315	315	200
	15	15	12	10.0	12	28	21.0	21.0	21.0	36	36	36		27	27	22	19	103	TR15/15/12L	**VETR15/15/12L**	400	315	315	200
	12	18	12	10.0	15	31	24.0	24.0	23.5	39	39	40		22	32	22	24	177	TR12/18/12L	**VETR12/18/12L**	400	315	315	200
	18	10	10	8.0	8	31	23.5	24.0	24.0	40	39	39		32	19	19	24	173	TR18/10/10L	**VETR18/10/10L**	400	315	315	200
	18	10	18	15.0	8	31	23.5	23.5	24.0	40	40	39		32	19	32	24	182	TR18/10/18L	**VETR18/10/18L**	400	315	315	200
	18	12	18	15.0	10	31	23.5	23.5	24.0	40	40	39		32	22	32	24	174	TR18/12/18L	**VETR18/12/18L**	400	315	315	200
	18	15	18	15.0	12	31	23.5	23.5	24.0	40	40	39		32	27	32	24	179	TR18/15/18L	**VETR18/15/18L**	400	315	315	200
	18	18	10	8.0	15	31	23.5	24.0	23.5	40	39	40		32	32	19	24	171	TR18/18/10L	**VETR18/18/10L**	400	315	315	200
	22	10	22	19.0	8	35	27.5	27.5	28.0	44	44	43		36	19	36	27	232	TR22/10/22L	**VETR22/10/22L**	250	160	160	100
	22	12	22	19.0	10	35	27.5	27.5	28.0	44	44	43		36	22	36	27	229	TR22/12/22L	**VETR22/12/22L**	250	160	160	100
	22	15	15	12.0	12	35	27.5	28.0	28.0	44	43	43		36	27	27	27	240	TR22/15/15L	**VETR22/15/15L**	250	160	160	100

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Properties

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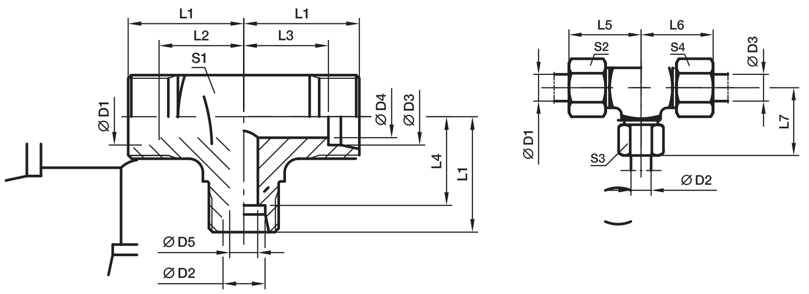
Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1 Ø	D2 Ø	D3 Ø	D4	D5	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	S4	S5	Weight g/1 piece	DIN CODE Order code	VELOCK Order code	W.P. = IN BAR CF	A3C	71	MS
L	22	15	22	19.0	12	35	27.5	27.5	28.0	44	44	43		36	27	36	27	233	TR22/15/22L	**VETR22/15/22L**	250	160	160	100
	22	18	18	15.0	15	35	27.5	27.5	27.5	44	44	44		36	32	32	27	236	TR22/18/18L	**VETR22/18/18L**	250	160	160	100
	22	18	22	19.0	15	35	27.5	27.5	27.5	44	44	44		36	32	36	27	239	TR22/18/22L	**VETR22/18/22L**	250	160	160	100
	22	22	18	15.0	19	35	27.5	27.5	27.5	44	44	44		36	36	32	27	228	TR22/22/18L	**VETR22/22/18L**	250	160	160	100
	28	10	28	24.0	8	38	30.5	30.5	31.0	47	47	46		41	19	41	36	412	TR28/10/28L	**VETR28/10/28L**	250	160	160	100
	28	12	28	24.0	10	38	30.5	30.5	31.0	47	47	46		41	22	41	36	408	TR28/12/28L	**VETR28/12/28L**	250	160	160	100
	28	15	28	24.0	12	38	30.5	30.5	31.0	47	47	46		41	27	41	36	423	TR28/15/28L	**VETR28/15/28L**	250	160	160	100
	28	18	28	24.0	15	38	30.5	30.5	30.5	47	47	47		41	32	41	36	421	TR28/18/28L	**VETR28/18/28L**	250	160	160	100
	28	22	22	19.0	19	38	30.5	30.5	30.5	47	47	47		41	36	36	36	412	TR28/22/22L	**VETR28/22/22L**	250	160	160	100
	28	22	28	24.0	19	38	30.5	30.5	30.5	47	47	47		41	36	41	36	415	TR28/22/28L	**VETR28/22/28L**	250	160	160	100
S	10	06	10	7.0	4	25	17.5	17.5	18.0	34	34	33		22	17	22	17	103	TR10/06/10S	**VETR10/06/10S**	800	630	630	400
	12	08	08	5.0	5	29	21.5	22.0	22.0	38	37	37		24	19	19	17	107	TR12/08/08S	**VETR12/08/08S**	630	630	630	400
	12	08	12	8.0	5	29	21.5	21.5	22.0	38	38	37		24	19	24	17	105	TR12/08/12S	**VETR12/08/12S**	630	630	630	400
	12	10	12	8.0	7	29	21.5	21.5	21.5	38	38	38		24	22	24	17	114	TR12/10/12S	**VETR12/10/12S**	630	630	630	400
	12	16	12	8.0	12	33	25.5	25.5	24.5	42	42	43		24	30	24	24	190	TR12/16/12S	**VETR12/16/12S**	630	400	400	250
	16	06	16	12.0	4	33	24.5	24.5	26.0	43	43	41		30	17	30	24	176	TR16/06/16S	**VETR16/06/16S**	630	400	400	250
	16	08	16	12.0	5	33	24.5	24.5	26.0	43	43	41		30	19	30	24	208	TR16/08/16S	**VETR16/08/16S**	630	400	400	250
	16	10	16	12.0	7	33	24.5	24.5	25.5	43	43	42		30	22	30	24	210	TR16/10/16S	**VETR16/10/16S**	630	400	400	250
	16	12	16	12.0	8	33	24.5	24.5	25.5	43	43	42		30	24	30	24	386	TR16/12/16S	**VETR16/12/16S**	630	400	400	250
	16	20	16	12.0	16	37	28.5	28.5	26.5	47	47	48		30	36	30	27	296	TR16/20/16S	**VETR16/20/16S**	420	400	400	250
	20	10	20	16.0	7	37	26.5	26.5	29.5	48	48	46		36	22	36	27	553	TR20/10/20S	**VETR20/10/20S**	420	400	400	250
	20	12	20	16.0	8	37	26.5	26.5	29.5	48	48	46		36	24	36	27	306	TR20/12/20S	**VETR20/12/20S**	420	400	400	250
	20	16	20	16.0	12	37	26.5	26.5	28.5	48	48	47		36	30	36	27	285	TR20/16/20S	**VETR20/16/20S**	420	400	400	250
	20	25	20	16.0	20	42	31.5	31.5	30.0	53	53	54		36	46	36	36	544	TR20/25/20S	**VETR20/25/20S**	420	400	400	250
	25	16	25	20.0	12	42	30.0	30.0	33.5	54	54	52		46	30	46	36	556	TR25/16/25S	**VETR25/16/25S**	420	400	400	250
	25	20	25	20.0	16	42	30.0	30.0	31.5	54	54	53		46	36	46	36	544	TR25/20/25S	**VETR25/20/25S**	420	400	400	250
	25	30	25	20.0	25	49	37.0	37.0	35.5	61	61	62		46	50	46	41	791	TR25/30/25S	**VETR25/30/25S**	420	400	400	250

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Properties

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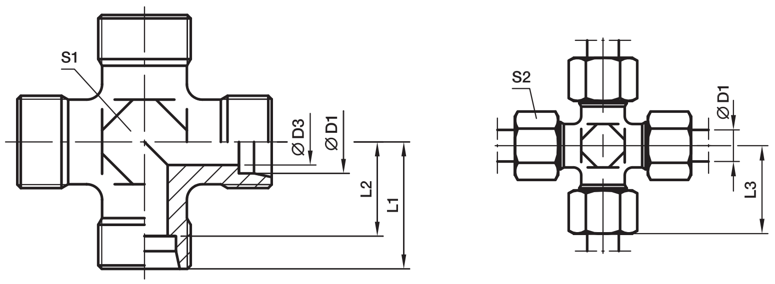
Surface finish Mat Buff Surface Finish



Series	D1	D3	L1	L2	L3	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
LL	04	3.0	15	11.0	21	9	10	13	K04LL	**VEK04LL**	100	100	100	63
	06	4·5	15	9·5	21	9	12	14	K06LL	**VEK06LL**	100	100	100	63
	08	6 0	17	11 5	23	12	14	24	K08LL	**VEK08LL**	100	100	100	63
L	06	4.0	19	12.0	27	12	14	35	K06L	**VEK06L**	315	315	315	200
	08	6 0	21	14 0	29	12	17	40	K08L	**VEK08L**	315	315	315	200
	10	8·0	22	15·0	30	14	19	52	K10L	**VEK10L**	315	315	315	200
	12	10·0	24	17·0	32	17	22	69	K12L	**VEK12L**	315	315	315	200
	15	12 0	28	21 0	36	19	27	130	K15L	**VEK15L**	315	315	315	200
	18	15 0	31	23 5	40	24	32	188	K18L	**VEK18L**	315	315	315	200
	22	19·0	35	27·5	44	27	36	251	K22L	**VEK22L**	160	160	160	100
	28	24·0	38	30·5	47	36	41	392	K28L	**VEK28L**	160	160	160	100
	35	30·0	45	34·5	56	41	50	618	K35L	**VEK35L**	160	160	160	100
	42	36 0	51	40 0	63	50	60	905	K42L	**VEK42L**	160	160	160	100
S	06	4 0	23	16 0	31	12	17	58	K06S	**VEK06S**	630	630	630	400
	08	5·0	24	17·0	32	14	19	82	K08S	**VEK08S**	630	630	630	400
	10	7·0	25	17·5	34	17	22	97	K10S	**VEK10S**	630	630	630	400
	12	8·0	29	21·5	38	17	24	146	K12S	**VEK12S**	630	630	630	400
	14	10.0	30	22.0	40	19	27	176	K14S	**VEK14S**	400	400	400	250
	16	12.0	33	24.5	43	24	30	220	K16S	**VEK16S**	400	400	400	250
	20	16·0	37	26·5	48	27	36	339	K20S	**VEK20S**	315	315	315	200
	25	20·0	42	30·0	54	36	46	576	K25S	**VEK25S**	315	315	315	200
	30	25 0	49	35 5	62	41	50	843	K30S	**VEK30S**	315	315	315	200
	38	32·0	57	41·0	72	50	60	1350	K38S	**VEK38S**	315	315	315	200

Properties

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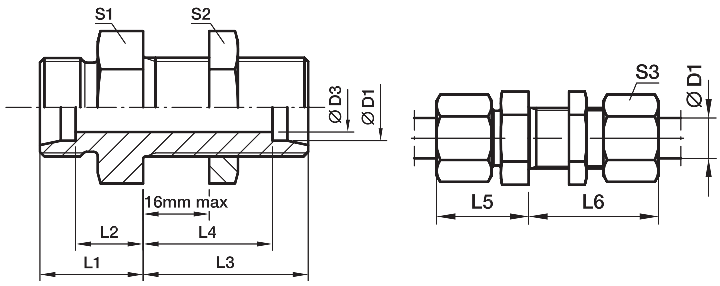

Series	D1	D3	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
L	06	4	14	7.0	34	27.0	22	42	17	17	14	3 9	SV06L	**SV06L**	500	315	315	200
	08	6	15	8 0	34	27 0	23	42	19	19	17	50	SV08L	**SV08L**	500	315	315	200
	10	8	17	10·0	35	28·0	25	43	22	22	19	67	SV10L	**SV10L**	500	315	315	200
	12	10	17	10·0	36	29·0	25	44	24	24	22	78	SV12L	**SV12L**	400	315	315	200
	15	12	19	12.0	38	31.0	27	46	27	30	27	128	SV15L	**SV15L**	400	315	315	200
	18	15	21	13.5	40	32.5	30	49	32	36	32	198	SV18L	**SV18L**	400	315	315	200
	22	19	24	16·5	42	34·5	33	51	36	41	36	254	SV22L	**SV22L**	250	160	160	100
	28	24	26	18 5	43	35 5	35	52	41	46	41	335	SV28L	**SV28L**	250	160	160	100
	35	30	29	18·5	47	36·5	40	58	50	55	50	546	SV35L	**SV35L**	250	160	160	
	42	36	30	19 0	47	36 0	42	59	60	65	60	758	SV42L	**SV42L**	250	160	160	
S	06	4	19	12.0	36	29.0	27	44	19	19	17	65	SV06S	**SV06S**	800	630	630	400
	08	5	20	13·0	36	29·0	28	44	22	22	19	87	SV08S	**SV08S**	800	630	630	400
	10	7	22	14 5	37	29 5	31	46	24	24	22	112	SV10S	**SV10S**	800	630	630	400
	12	8	22	14·5	38	30·5	31	47	27	27	24	141	SV12S	**SV12S**	630	630	630	400
	14	10	25	17 0	40	32 0	35	50	30	30	27	180	SV14S	**SV14S**	630	630	630	
	16	12	25	16.5	40	31.5	35	50	32	32	30	201	SV16S	**SV16S**	630	400	400	250
	20	16	28	17 5	44	33 5	39	55	41	41	36	462	SV20S	**SV20S**	420	400	400	250
	25	20	32	20·0	47	35·0	44	59	46	46	46	492	SV25S	**SV25S**	420	400	400	250
	30	25	35	21·5	51	37·5	48	64	50	50	50	631	SV30S	**SV30S**	420	400	400	250
	38	32	38	22·0	53	37·0	53	68	65	65	60	1083	SV38S	**SV38S**	420	315	315	

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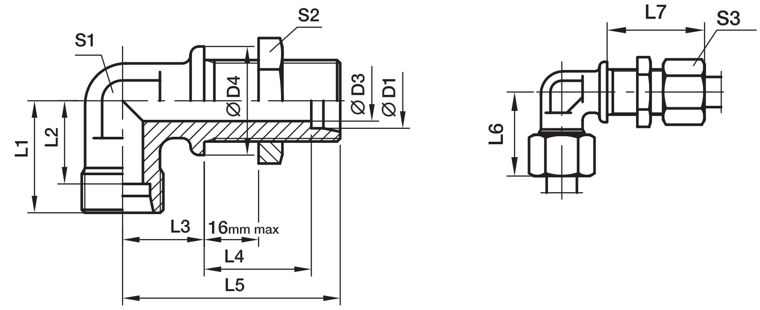


Series	D1	D3	D4	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR			
																	C F	A3C	71	MS
L	06	4	17	19	12.0	14	27.0	48	27	42	12	17	14	51	WSV06L	**VEWSV06L**	315	315	315	200
	08	6	19	21	14 0	17	27 0	51	29	42	12	19	17	61	WSV08L	**VEWSV08L**	315	315	315	200
	10	8	22	22	15.0	18	28.0	53	30	43	14	22	19	78	WSV10L	**VEWSV10L**	315	315	315	200
	12	10	24	24	17.0	20	29.0	56	32	44	17	24	22	85	WSV12L	**VEWSV12L**	315	315	315	200
	15	12	27	28	21.0	23	31.0	61	36	46	19	30	27	150	WSV15L	**VEWSV15L**	315	315	315	200
	18	15	32	31	23.5	24	32.5	64	40	49	24	36	32	238	WSV18L	**VEWSV18L**	160	160	160	
	22	19	36	35	27·5	30	34·5	72	44	51	27	41	36	327	WSV22L	**VEWSV22L**	160	160	160	
	28	24	42	38	30 5	34	35 5	77	47	52	36	46	41	482	WSV28L	**VEWSV28L**	160	160	160	
	35	30	50	45	34·5	39	36·5	86	56	58	41	55	50	729	WSV35L	**VEWSV35L**	160	160	160	
	42	36	60	51	40·0	43	36·0	90	63	59	50	65	60	1091	WSV42L	**VEWSV42L**	630	630	630	
S	06	4	19	23	16.0	17	29.0	53	31	44	12	19	17	72	WSV06S	**VEWSV06S**	630	630	630	
	08	5	22	24	17·0	18	29·0	54	32	44	14	22	19	99	WSV08S	**VEWSV08S**	630	630	630	
	10	7	24	25	17.5	20	29.5	57	34	46	17	24	22	128	WSV10S	**VEWSV10S**	630	630	630	
	12	8	27	29	21·5	21	30·5	59	38	47	17	27	24	168	WSV12S	**VEWSV12S**	630	630	630	
	14	10	27	30	22·0	23	32·0	63	40	50	19	30	27	194	WSV14S	**VEWSV14S**	400	400	400	
	16	12	30	33	24·5	24	31·5	64	43	50	24	32	30	249	WSV16S	**VEWSV16S**	400	400	400	
	20	16	36	37	26 5	30	33 5	74	48	55	27	41	36	390	WSV20S	**VEWSV20S**	400	400	400	
	25	20	42	42	30·0	34	35·0	81	54	59	36	46	46	618	WSV25S	**VEWSV25S**	400	400	400	
	30	25	50	49	35·5	39	37·5	90	62	64	41	50	50	889	WSV30S	**VEWSV30S**				
	38	32	60	57	41·0	43	37·0	96	72	68	50	65	60	1337						

* S1 - Dimensions may vary according to the forged body

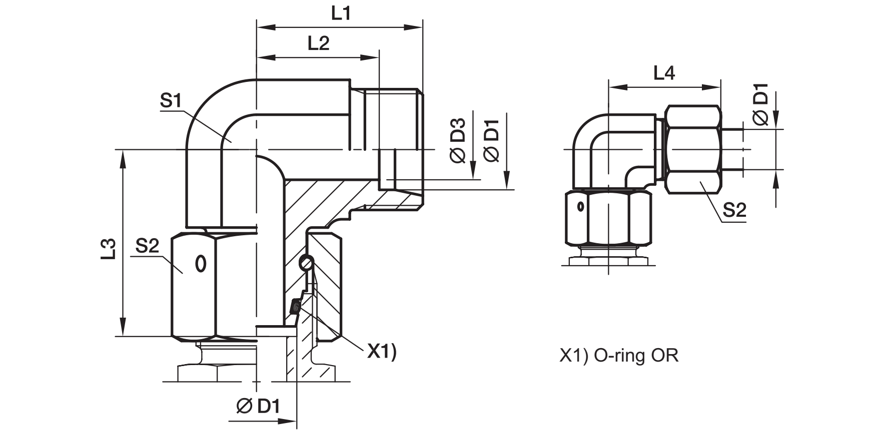
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR		
												CF	A3C	71
L	06	4	19	12.0	26.0	27	12	14	34	EW06L	**VEEW06L**	500	315	315
	08	6	21	14.0	27.5	29	12	17	43	EW08L	**VEEW08L**	500	315	315
	10	8	22	15.0	29.0	30	14	19	58	EW10L	**VEEW10L**	500	315	315
	12	10	24	17.0	29.5	32	17	22	81	EW12L	**VEEW12L**	400	315	315
	15	12	28	21.0	32.5	36	19	27	128	EW15L	**VEEW15L**	400	315	315
	18	15	31	23.5	35.5	40	24	32	197	EW18L	**VEEW18L**	400	315	315
	22	19	35	27.5	38.5	44	27	36	258	EW22L	**VEEW22L**	250	160	160
	28	24	38	30.5	41.5	47	36	41	370	EW28L	**VEEW28L**	250	160	160
	35	30	45	34.5	51.0	56	41	50	593	EW35L	**VEEW35L**	250	160	160
	42	36	51	40.0	56.0	63	50	60	993	EW42L	**VEEW42L**	250	160	160
S	06	4	23	16.0	27.0	31	12	17	48	EW06S	**VEEW06S**	800	630	630
	08	5	24	17.0	27.5	32	14	19	65	EW08S	**VEEW08S**	800	630	630
	10	6	25	17.5	30.0	34	17	22	92	EW10S	**VEEW10S**	800	630	630
	12	8	29	21.5	31.0	38	17	24	107	EW12S	**VEEW12S**	630	630	630
	14	9	30	22.0	35.0	40	19	27	146	EW14S	**VEEW14S**	630	630	630
	16	12	33	24.5	36.5	43	24	30	212	EW16S	**VEEW16S**	630	400	400
	20	16	37	26.5	44.5	48	27	36	309	EW20S	**VEEW20S**	420	400	400
	25	20	42	30.0	50.0	54	36	46	547	EW25S	**VEEW25S**	420	400	400
	30	25	49	35.5	55.0	62	41	50	744	EW30S	**VEEW30S**	420	400	400
	38	32	57	41.0	63.0	72	50	60	1222	EW38S	**VEEW38S**	420	315	315

* S1 - Dimensions may vary according to the forged body

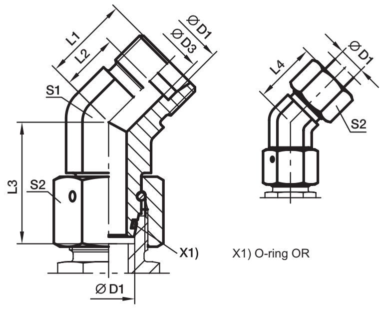
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	4	16.0	9.0	26.0	24	14	14	37	EV06L	**VEEV06L**	315	315	315
	08	6	19.0	12.0	27.5	27	14	17	49	EV08L	**VEEV08L**	315	315	315
	10	8	19.0	12.0	29.0	27	19	19	77	EV10L	**VEEV10L**	315	315	315
	12	10	21.0	14.0	29.5	29	19	22	86	EV12L	**VEEV12L**	315	315	315
	15	12	24.0	17.0	32.5	32	22	27	144	EV15L	**VEEV15L**	315	315	315
	18	15	24.0	16.5	35.5	33	27	32	210	EV18L	**VEEV18L**	315	315	315
	22	19	26.0	18.5	38.5	35	30	36	270	EV22L	**VEEV22L**	160	160	160
	28	24	30.5	23.0	41.5	40	36	41	385	EV28L	**VEEV28L**	160	160	160
	35	30	37.0	26.5	51.0	48	50	50	805	EV35L	**VEEV35L**	160	160	160
	42	36	37.0	26.0	56.0	49	50	60	887	EV42L	**VEEV42L**	160	160	160
S	06	4	16.0	9.0	27.0	24	14	17	50	EV06S	**VEEV06S**	630	630	630
	08	5	19.0	12.0	27.5	27	19	19	80	EV08S	**VEEV08S**	630	630	630
	10	7	21.0	13.5	30.0	30	19	22	95	EV10S	**VEEV10S**	630	630	630
	12	8	24.0	16.5	31.0	33	19	24	137	EV12S	**VEEV12S**	630	630	630
	16	12	24.0	15.5	36.5	34	19	30	217	EV16S	**VEEV16S**	400	400	400
	20	16	26.5	16.0	44.5	38	27	36	313	EV20S	**VEEV20S**	400	400	400
	25	20	30.5	18.5	50.0	43	36	46	529	EV25S	**VEEV25S**	400	400	400
	30	25	37.0	23.5	55.0	50	50	50	940	EV30S	**VEEV30S**	400	400	400
	38	32	37.0	21.0	63.0	52	50	60	1055	EV38S	**VEEV38S**	315	315	315

* S1 - Dimensions may vary according to the forged body

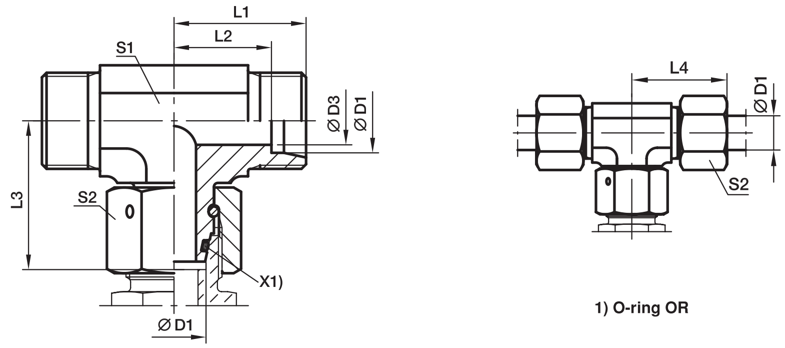
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DINCODE Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	4	19	12	26	27	12	14	42	ET06L	**VEET06L**	500	315	315
	08	6	21	14	27.5	29	12	17	53	ET08L	**VEET08L**	500	315	315
	10	8	22	15	29	30	14	19	71	ET10L	**VEET10L**	500	315	315
	12	10	24	17	29.5	32	17	22	97	ET12L	**VEET12L**	400	315	315
	15	12	28	21	32.5	36	19	27	159	ET15L	**VEET15L**	400	315	315
	18	15	31	23.5	35.5	40	24	32	239	ET18L	**VEET18L**	400	315	315
	22	19	35	27.5	38.5	44	27	36	308	ET22L	**VEET22L**	250	160	160
	28	24	38	30.5	41.5	47	36	41	449	ET28L	**VEET28L**	250	160	160
	35	30	45	34.5	51	56	41	50	679	ET35L	**VEET35L**	250	160	160
	42	36	51	40	56	63	50	60	1131	ET42L	**VEET42L**	250	160	160
S	06	4	23	16	27	31	12	17	63	ET06S	**VEET06S**	800	630	630
	08	5	24	17	27.5	32	14	19	79	ET08S	**VEET08S**	800	630	630
	10	6	25	17.5	30	34	17	22	113	ET10S	**VEET10S**	800	630	630
	12	8	29	21.5	31	38	17	24	136	ET12S	**VEET12S**	630	630	630
	14	9	30	22	35	40	19	27	173	ET14S	**VEET14S**	630	630	630
	16	12	33	24.5	36.5	43	24	30	239	ET16S	**VEET16S**	630	400	400
	20	16	37	26.5	44.5	48	27	36	388	ET20S	**VEET20S**	420	400	400
	25	20	42	30	50	54	36	46	652	ET25S	**VEET25S**	420	400	400
	30	25	49	35.5	55	62	41	50	905	ET30S	**VEET30S**	420	400	400
	38	32	57	41	63	72	50	60	1462	ET38S	**VEET38S**	420	315	315

* S1 - Dimensions may vary according to the forged body

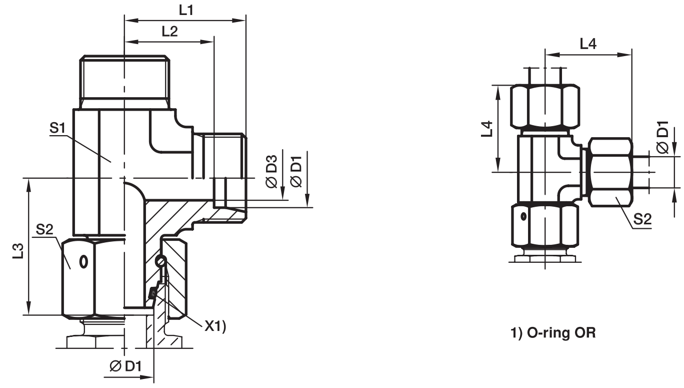
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DINCODE Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	4	19	12	26	27	12	14	44	EL06L	**VEEL06L**	500	315	315
	08	6	21	14	27.5	29	12	17	53	EL08L	**VEEL08L**	500	315	315
	10	8	22	15	29	30	14	19	68	EL10L	**VEEL10L**	500	315	315
	12	10	24	17	29.5	32	17	22	95	EL12L	**VEEL12L**	400	315	315
	15	12	28	21	32.5	36	19	27	151	EL15L	**VEEL15L**	400	315	315
	18	15	31	23.5	35.5	40	24	32	233	EL18L	**VEEL18L**	400	315	315
	22	19	35	27.5	38.5	44	27	36	309	EL22L	**VEEL22L**	250	160	160
	28	24	38	30.5	41.5	47	36	41	436	EL28L	**VEEL28L**	250	160	160
	35	30	45	34.5	51	56	41	50	666	EL35L	**VEEL35L**	250	160	160
	42	36	51	40	56	63	50	60	1163	EL42L	**VEEL42L**	250	160	160
S	06	4	23	16	27	31	12	17	65	EL06S	**VEEL06S**	800	630	630
	0'8	5	24	17	27.5	32	14	19	84	EL08S	**VEEL08S**	800	630	630
	10	6	25	17.5	30	34	17	22	118	EL10S	**VEEL10S**	800	630	630
	12	8	29	21.5	31	38	17	24	136	EL12S	**VEEL12S**	630	630	630
	14	9	30	22	35	40	19	27	173	EL14S	**VEEL14S**	630	630	630
	16	12	33	24.5	36.5	43	24	30	260	EL16S	**VEEL16S**	630	400	400
	20	16	37	26.5	44.5	48	27	36	375	EL20S	**VEEL20S**	420	400	400
	25	20	42	30	50	54	36	46	655	EL25S	**VEEL25S**	420	400	400
	30	25	49	35.5	55	62	41	50	906	EL30S	**VEEL30S**	420	400	400
	38	32	57	41	63	72	50	60	1472	EL38S	**VEEL38S**	420	315	315

* S1 - Dimensions may vary according to the forged body

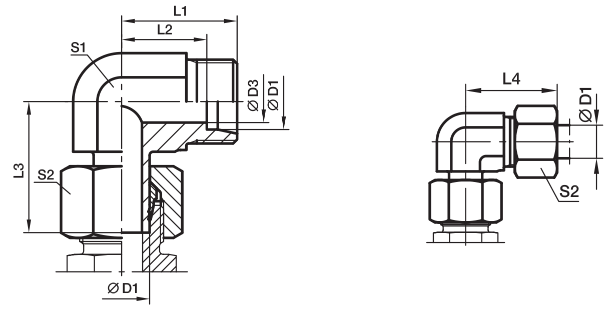
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71	MS
L	06	4	19	12.0	26.0	27	12	14	32	EVW06L	**VEEVW06L**	315	315	315	200
	08	6	21	14.0	27.5	29	12	17	40	EVW08L	**VEEVW08L**	315	315	315	200
	10	8	22	15.0	29.0	30	14	19	54	EVW10L	**VEEVW10L**	315	315	315	200
	12	10	24	17.0	29.5	32	17	22	76	EVW12L	**VEEVW12L**	315	315	315	200
	15	12	28	21.0	32.5	36	19	27	119	EVW15L	**VEEVW15L**	315	315	315	200
	18	15	31	23.5	35.5	40	24	32	192	EVW18L	**VEEVW18L**	315	315	315	200
	22	19	35	27.5	38.5	44	27	36	355	EVW22L	**VEEVW22L**	160	160	160	100
	28	24	38	30.5	42.0	47	36	41	514	EVW28L	**VEEVW28L**	160	160	160	100
	35	30	45	34.5	51.0	56	41	50	536	EVW35L	**VEEVW35L**	160	160	160	100
	42	36	51	40.0	60.0	63	50	60	977	EVW42L	**VEEVW42L**	160	160	160	100
S	06	4	23	16.0	27.0	31	12	17	44	EVW06S	**VEEVW06S**	630	630	630	400
	08	5	24	17.0	27.5	32	14	19	63	EVW08S	**VEEVW08S**	630	630	630	400
	10	7	25	17.5	31.0	34	17	22	95	EVW10S	**VEEVW10S**	630	630	630	400
	12	8	29	21.5	31.0	38	17	24	110	EVW12S	**VEEVW12S**	630	630	630	400
	14	10	30	22.0	35.0	40	19	27	137	EVW14S	**VEEVW14S**	400	400	400	250
	16	12	33	24.5	37.5	43	24	30	211	EVW16S	**VEEVW16S**	400	400	400	250
	20	16	37	26.5	44.5	48	27	36	306	EVW20S	**VEEVW20S**	400	400	400	250
	25	20	42	30.0	50.0	54	36	46	558	EVW25S	**VEEVW25S**	400	400	400	250
	30	25	49	35.5	55.0	62	41	50	724	EVW30S	**VEEVW30S**	400	400	400	250
	38	32	57	41.0	66.5	72	50	60	1307	EVW38S	**VEEVW38S**	315	315	315	200

* S1 - Dimensions may vary according to the forged body

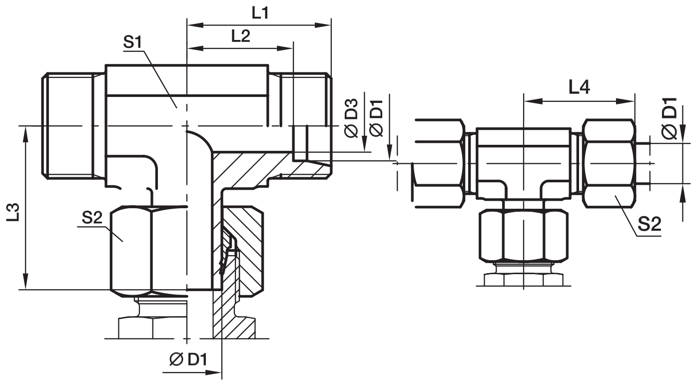
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish

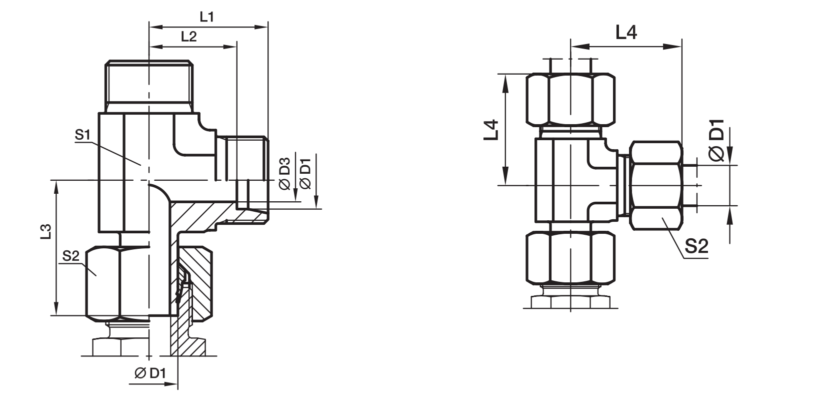


Series	D1	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR			
												CF	A3C	71	MS
L	06	4	19	12.0	26.0	27	12	14	37	EVT06L	**VEEVT06L**	315	315	315	200
	08	6	21	14.0	27.5	29	12	17	49	EVT08L	**VEEVT08L**	315	315	315	200
	10	8	22	15.0	29.0	30	14	19	66	EVT10L	**VEEVT10L**	315	315	315	200
	12	10	24	17.0	30.5	32	17	22	93	EVT12L	**VEEVT12L**	315	315	315	200
	15	12	28	21.0	32.5	36	19	27	146	EVT15L	**VEEVT15L**	315	315	315	200
	18	15	31	23.5	35.5	40	24	32	201	EVT18L	**VEEVT18L**	315	315	315	200
	22	19	35	27.5	38.5	44	27	36	274	EVT22L	**VEEVT22L**	160	160	160	
	28	24	38	30.5	43.5	47	36	41	441	EVT28L	**VEEVT28L**	160	160	160	
	35	30	45	34.5	54.5	56	41	50	633	EVT35L	**VEEVT35L**	160	160	160	
	42	36	51	40.0	60.0	63	50	60	1129	EVT42L	**VEEVT42L**	160	160	160	
S	06	4	23	16.0	27.0	31	12	17	61	EVT06S	**VEEVT06S**	630	630	630	
	08	5	24	17.0	29.0	32	14	19	44	EVT08S	**VEEVT08S**	630	630	630	
	10	7	25	17.5	31.0	34	17	22	84	EVT10S	**VEEVT10S**	630	630	630	
	12	8	29	21.5	33.0	38	17	24	131	EVT12S	**VEEVT12S**	630	630	630	
	14	10	30	22.0	35.0	40	19	27	173	EVT14S	**VEEVT14S**	400	400	400	
	16	12	33	24.5	37.5	43	24	30	240	EVT16S	**VEEVT16S**	400	400	400	
	20	16	37	26.5	44.5	48	27	36	345	EVT20S	**VEEVT20S**	400	400	400	
	25	20	42	30.0	50.5	54	36	46	647	EVT25S	**VEEVT25S**	400	400	400	
	30	25	49	35.5	55.5	62	41	50	873	EVT30S	**VEEVT30S**	400	400	400	
	38	32	57	41.0	66.5	72	50	60	1361	EVT38S	**VEEVT38S**	315	315	315	

* S1 - Dimensions may vary according to the forged body

Properties

Properties
Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish



Series	D1	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	PN (bar)1)			
												CF	A3C	71	MS
L	06	4	19	12.0	26.0	27	12	14	40	EVL06L	**VEEVL06L**	315	315	315	200
	08	6	21	14.0	27.5	29	12	17	50	EVL08L	**VEEVL08L**	315	315	315	200
	10	8	22	15.0	29.0	30	14	19	64	EVL10L	**VEEVL10L**	315	315	315	200
	12	10	24	17.0	30.5	32	17	22	93	EVL12L	**VEEVL12L**	315	315	315	200
	15	12	28	21.0	32.5	36	19	27	147	EVL15L	**VEEVL15L**	315	315	315	200
	18	15	31	23.5	35.5	40	24	32	229	EVL18L	**VEEVL18L**	315	315	315	200
	22	19	35	27.5	39.0	44	27	36	296	EVL22L	**VEEVL22L**	160	160	160	
	28	24	38	30.5	43.5	47	36	41	416	EVL28L	**VEEVL28L**	160	160	160	
	35	30	45	34.5	54.5	56	41	50	661	EVL35L	**VEEVL35L**	160	160	160	
	42	36	51	40.0	60.0	63	50	60	1105	EVL42L	**VEEVL42L**	160	160	160	
S	06	4	23	16.0	27.0	31	12	17	57	EVL06S	**VEEVL06S**	630	630	630	
	08	5	24	17.0	29.0	32	14	19	84	EVL08S	**VEEVL08S**	630	630	630	
	10	7	25	17.5	32.0	34	17	22	116	EVL10S	**VEEVL10S**	630	630	630	
	12	8	29	21.5	33.0	38	17	24	137	EVL12S	**VEEVL12S**	630	630	630	
	14	10	30	22.0	35.0	40	19	27	175	EVL14S	**VEEVL14S**	400	400	400	
	16	12	33	24.5	37.5	43	24	30	259	EVL16S	**VEEVL16S**	400	400	400	
	20	16	37	26.5	44.5	48	27	36	371	EVL20S	**VEEVL20S**	400	400	400	
	25	20	42	30.0	50.5	54	36	46	647	EVL25S	**VEEVL25S**	400	400	400	
	30	25	49	35.5	56.5	62	41	50	906	EVL30S	**VEEVL30S**	400	400	400	
	38	32	57	41.0	66.5	72	50	60	1549	EVL38S	**VEEVL38S**	315	315	315	

* S1 - Dimensions may vary according to the forged body

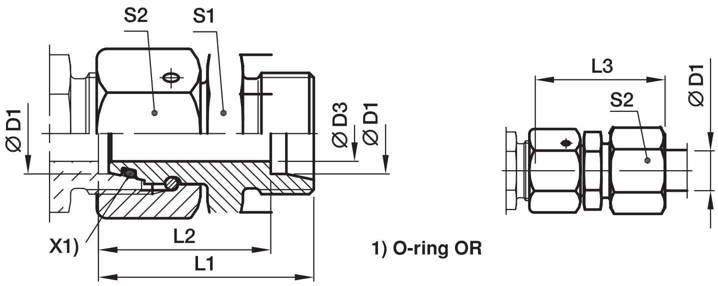
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D3	L1	L2	L3	S1	S2	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
L	06	2.5	43	36	51	12	14	33	DA06L	**VEDA06L**	500	315	315	200
	08	4	43	36	51	14	17	46	DA08L	**VEDA08L**	500	315	315	200
	10	6	43	36	51	17	19	60	DA10L	**VEDA10L**	500	315	315	200
	12	8	43	36	51	19	22	75	DA12L	**VEDA12L**	400	315	315	200
	15	10	43	36	51	24	27	118	DA15L	**VEDA15L**	400	315	315	200
	18	13	43.5	36	52	27	32	153	DA18L	**VEDA18L**	400	315	315	200
	22	17	47.5	40	56	32	36	210	DA22L	**VEDA22L**	250	160	160	100
	28	22	47.5	40	57	41	41	279	DA28L	**VEDA28L**	250	160	160	100
	35	28	60.5	50	72	46	50	468	DA35L	**VEDA35L**	250	160	160	100
	42	34	71	60	83	55	60	802	DA42L	**VEDA42L**	250	160	160	100
S	06	2.5	43	36	51	14	17	48	DA06S	**VEDA06S**	800	630	630	400
	08	4	43	36	51	17	19	64	DA08S	**VEDA08S**	800	630	630	400
	10	6	43.5	36	52	19	22	81	DA10S	**VEDA10S**	800	630	630	400
	12	8	43.5	36	52	22	24	97	DA12S	**VEDA12S**	800	630	630	400
	14	9	48	40	58	24	27	133	DA14S	**VEDA14S**	800	630	630	400
	16	11	48.5	40	58	27	30	166	DA16S	**VEDA16S**	630	400	400	250
	20	14	56.5	46	68	32	36	265	DA20S	**VEDA20S**	420	400	400	250
	25	18	62	50	74	41	46	466	DA25S	**VEDA25S**	420	400	400	250
	30	23	69.5	56	83	46	50	601	DA30S	**VEDA30S**	420	400	400	250
	38	30	76	60	91	55	60	871	DA38S	**VEDA38S**	420	315	315	200

* S1 - Dimensions may vary according to the forged body

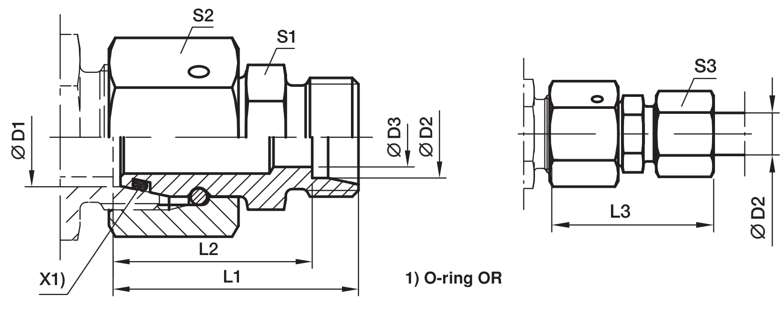
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D2	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR		
													CF	A3C	71
L/LL	06	04	2.5	28.5	24.5	34	9	14	10	17	RED06L/04LL	**VERED06L/04LL**	100	100	100
L	08	06	4	30.5	23.5	38	12	17	14	36	RED08/06L	**VERED08/06L**	500	315	315
L	10	06	4	32	25	40	14	19	14	36	RED10/06L	**VERED10/06L**	500	315	315
L	10	08	6	32	25	40	14	19	17	38	RED10/08L	**VERED10/08L**	400	315	315
L	12	06	4	32	25	40	17	22	14	49	RED12/06L	**VERED12/06L**	400	315	315
L	12	08	6	32	25	40	17	22	17	49	RED12/08L	**VERED12/08L**	400	315	315
L	12	10	8	33	26	41	17	22	19	51	RED12/10L	**VERED12/10L**	400	315	315
L	15	06	4	35.5	28.5	43	19	27	14	81	RED15/06L	**VERED15/06L**	400	315	315
L	15	08	6	35.5	28.5	43	19	27	17	85	RED15/08L	**VERED15/08L**	400	315	315
L	15	10	8	36.5	29.5	44	19	27	19	83	RED15/10L	**VERED15/10L**	400	315	315
L	15	12	10	36.5	29.5	44	19	27	22	83	RED12/12L	**VERED12/12L**	400	315	315
L	18	06	4	35	28	43	24	32	14	109	RED18/06L	**VERED18/06L**	400	315	315
L	18	08	6	35	28	43	24	32	17	111	RED18/08L	**VERED18/08L**	400	315	315
L	18	10	8	36	29	44	24	32	19	110	RED18/10L	**VERED18/10L**	400	315	315
L	18	12	10	36	29	44	24	32	22	110	RED18/12L	**VERED18/12L**	400	315	315
L	18	15	12	37	30	45	24	32	27	115	RED18/15L	**VERED18/15L**	400	315	315
L/S	18	16	12	40	31.5	49.5	27	32	30	138	RED18/16S	**VERED18/16S**	400	315	315
L	22	06	4	39	32	47	27	36	14	158	RED22/06L	**VERED22/06L**	250	160	160
L	22	08	6	39	32	47	27	36	17	158	RED22/08L	**VERED22/08L**	250	160	160
L	22	10	8	40	33	48	27	36	19	159	RED22/10L	**VERED22/10L**	250	160	160
L	22	12	10	40	33	48	27	36	22	157	RED22/12L	**VERED22/12L**	250	160	160
L	22	15	12	41	34	49	27	36	27	164	RED22/15L	**VERED22/15L**	250	160	160
L/S	22	16	12	43	34.5	52.5	27	36	30	173	RED22L/16S	**VERED22L/16S**	250	160	160
L	22	18	15	41	33.5	50	27	36	32	167	RED22/18L	**VERED22/18L**	250	160	160
L/S	22	20	16	45	34.5	56	32	36	36	203	RED22L/20S	**VERED22L/20S**	250	160	160
L	28	06	4	41	34	49	32	41	14	219	RED28/06L	**VERED28/06L**	250	160	160
L	28	08	6	41	34	49	32	41	17	221	RED28/08L	**VERED28/08L**	250	160	160
L	28	10	8	42	35	50	32	41	19	213	RED28/10L	**VERED28/10L**	250	160	160
L	28	12	10	42	35	50	32	41	22	213	RED28/12L	**VERED28/12L**	250	160	160
L	28	15	12	43	36	51	32	41	27	218	RED28/15L	**VERED28/15L**	250	160	160
L/S	28	16	12	45	36.5	54.5	32	41	30	227	RED28L/16S	**VERED28L/16S**	250	160	160

* S1 - Dimensions may vary according to the forged body

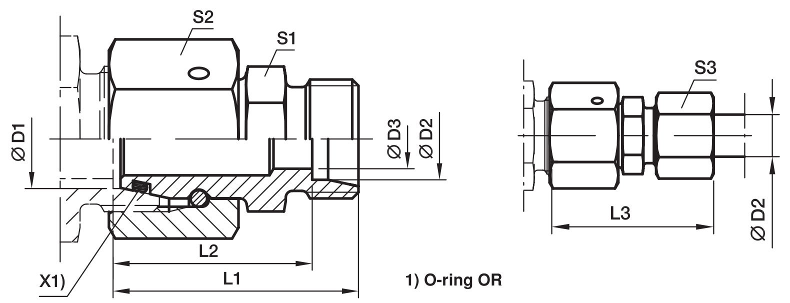
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D2	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR		
													CF	A3C	71
L	28	18	15	43	35.5	52	32	41	32	220	RED28/18L	**VERED28/18L**	250	160	160
L	28	22	19	45	37.5	54	32	41	36	222	RED28/22L	**VERED28/22L**	250	160	160
L/S	28	25	20	50	38	62	41	41	46	300	RED28L/25S	**VERED28L/25S**	250	160	160
L	35	06	4	44	37	52	41	50	14	318	RED35/06L	**VERED35/06L**	250	160	160
L	35	08	6	44	37	52	41	50	17	318	RED35/08L	**VERED35/08L**	250	160	160
L	35	10	8	45	38	53	41	50	19	318	RED35/10L	**VERED35/10L**	250	160	160
L	35	12	10	45	38	53	41	50	22	324	RED35/12L	**VERED35/12L**	250	160	160
L	35	15	12	46	39	54	41	50	27	328	RED35/15L	**VERED35/15L**	250	160	160
L	35	18	15	46	38.5	55	41	50	32	328	RED35/18L	**VERED35/18L**	250	160	160
L	35	22	19	48	40.5	57	41	50	36	331	RED35/22L	**VERED35/22L**	250	160	160
L/S	35	25	20	52	40	64	41	50	46	366	RED35L/25S	**VERED35L/25S**	250	160	160
L	35	28	24	48	40.5	57	41	50	41	327	RED35/28L	**VERED35/28L**	250	160	160
L/S	35	30	25	55	41.5	68	46	50	50	435	RED35L/30S	**VERED35L/30S**	250	160	160
L	42	10	8	48.5	51.5	56	50	60	19	537	RED42/10L	**VERED42/10L**	250	160	160
L	42	12	10	48.5	41.5	56	50	60	22	538	RED42/12L	**VERED42/12L**	250	160	160
L	42	15	12	49.5	42.5	58	50	60	27	534	RED42/15L	**VERED42/15L**	250	160	160
L	42	18	15	49.5	42	58	50	60	32	544	RED42/18L	**VERED42/18L**	250	160	160
L	42	22	19	51.5	44	60	50	60	36	543	RED42/22L	**VERED42/22L**	250	160	160
L	42	28	24	51.5	44	61	50	60	41	539	RED42/28L	**VERED42/28L**	250	160	160
L/S	42	30	25	57.5	44	70.5	50	60	50	588	RED42L/30S	**VERED42L/30S**	250	160	160
L	42	35	30	53.5	43	65	50	60	50	541	RED42/35L	**VERED42/35L**	250	160	160
L/S	42	38	32	61.5	45.5	76	55	60	60	701	RED42L/38S	**VERED42L/38S**	250	160	160

* S1 - Dimensions may vary according to the forged body

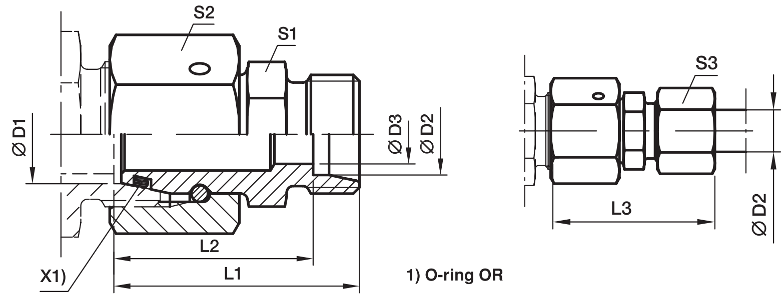
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D2	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR		
													CF	A3C	71
S	08	06	4	34	27	42	14	19	17	42	RED08/06S	**VERED08/06S**	800	630	630
S	10	06	4	34.5	27.5	42	17	22	17	55	RED10/06S	**VERED10/06S**	800	630	630
S	10	08	5	34.5	27.5	42	17	22	19	58	RED10/08S	**VERED10/08S**	800	630	630
S	12	06	4	36	29	44	17	22	17	66	RED12/06S	**VERED12/06S**	630	630	630
S	12	08	5	36	29	44	17	24	19	68	RED12/08S	**VERED12/08S**	630	630	630
S	12	10	7	37	29.5	46	19	24	22	75	RED12/10S	**VERED12/10S**	630	630	630
S	14	06	4	38.5	31.5	46	19	27	17	88	RED14/06S	**VERED14/06S**	630	630	630
S	14	08	5	38.5	31.5	46	19	27	19	90	RED14/08S	**VERED14/08S**	630	630	630
S	14	10	7	38.5	31	47	19	27	22	91	RED14/10S	**VERED14/10S**	630	630	630
S	14	12	8	38.5	31	47	22	27	24	100	RED14/12S	**VERED14/12S**	630	630	630
S	16	06	4	39	32	47	22	30	17	112	RED16/06S	**VERED16/06S**	630	400	400
S	16	08	5	39	32	47	22	30	19	114	RED16/08S	**VERED16/08S**	630	400	400
S	16	10	7	39	31.5	48	22	30	22	115	RED16/10S	**VERED16/10S**	630	400	400
S	16	12	8	39	31.5	48	22	30	24	118	RED16/12S	**VERED16/12S**	630	400	400
S	16	14	10	41	33	51	24	30	27	128	RED16/14S	**VERED16/14S**	630	400	400
S/L	16	15	11	39	32	47	24	30	27	120	RED16S/15L	**VERED16S/15L**	400	315	315
S	20	06	4	43	36	51	27	36	17	172	RED20/06S	**VERED20/06S**	420	400	400
S	20	08	5	43	36	51	27	36	19	174	RED20/08S	**VERED20/08S**	420	400	400
S	20	10	7	43	35.5	52	27	36	22	174	RED20/10S	**VERED20/10S**	420	400	400
S	20	12	8	43	35.5	52	27	36	24	177	RED20/12S	**VERED20/12S**	420	400	400
S	20	14	10	45	37	55	27	36	27	182	RED20/14S	**VERED20/14S**	420	400	400
S/L	20	15	12	43	36	51	27	36	27	173	RED20S/15L	**VERED20S/15L**	400	315	315
S	20	16	12	45	36.5	55	27	36	30	182	RED20/16S	**VERED20/16S**	420	400	400
S/L	20	18	14	43	35.5	51	27	36	32	178	RED20S/18L	**VERED20S/18L**	400	315	315
S	25	06	4	45.5	38.5	53	32	46	17	294	RED25/06S	**VERED25/06S**	420	400	400
S	25	08	5	45.5	38.5	53	32	46	19	295	RED25/08S	**VERED25/08S**	420	400	400
S	25	10	7	45.5	38	54	32	46	22	296	RED25/10S	**VERED25/10S**	420	400	400
S	25	12	8	45.5	38	54	32	46	24	299	RED25/12S	**VERED25/12S**	420	400	400
S	25	14	10	47.5	39.5	57	32	46	27	303	RED25/14S	**VERED25/14S**	420	400	400
S	25	16	12	47.5	39	57	32	46	30	304	RED25/16S	**VERED25/16S**	420	400	400

* S1 - Dimensions may vary according to the forged body

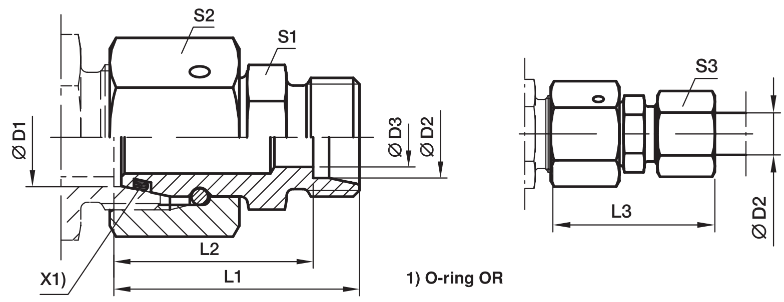
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D2	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR		
													CF	A3C	71
S	08	06	4	34	27	42	14	19	17	42	RED08/06S	**VERED08/06S**	800	630	630
S	10	06	4	34.5	27.5	42	17	22	17	55	RED10/06S	**VERED10/06S**	800	630	630
S	10	08	5	34.5	27.5	42	17	22	19	58	RED10/08S	**VERED10/08S**	800	630	630
S	12	06	4	36	29	44	17	22	17	66	RED12/06S	**VERED12/06S**	630	630	630
S	12	08	5	36	29	44	17	24	19	68	RED12/08S	**VERED12/08S**	630	630	630
S	12	10	7	37	29.5	46	19	24	22	75	RED12/10S	**VERED12/10S**	630	630	630
S	14	06	4	38.5	31.5	46	19	27	17	88	RED14/06S	**VERED14/06S**	630	630	630
S	14	08	5	38.5	31.5	46	19	27	19	90	RED14/08S	**VERED14/08S**	630	630	630
S	14	10	7	38.5	31	47	19	27	22	91	RED14/10S	**VERED14/10S**	630	630	630
S	14	12	8	38.5	31	47	22	27	24	100	RED14/12S	**VERED14/12S**	630	630	630
S	16	06	4	39	32	47	22	30	17	112	RED16/06S	**VERED16/06S**	630	400	400
S	16	08	5	39	32	47	22	30	19	114	RED16/08S	**VERED16/08S**	630	400	400
S	16	10	7	39	31.5	48	22	30	22	115	RED16/10S	**VERED16/10S**	630	400	400
S	16	12	8	39	31.5	48	22	30	24	118	RED16/12S	**VERED16/12S**	630	400	400
S	16	14	10	41	33	51	24	30	27	128	RED16/14S	**VERED16/14S**	630	400	400
S/L	16	15	11	39	32	47	24	30	27	120	RED16S/15L	**VERED16S/15L**	400	315	315
S	20	06	4	43	36	51	27	36	17	172	RED20/06S	**VERED20/06S**	420	400	400
S	20	08	5	43	36	51	27	36	19	174	RED20/08S	**VERED20/08S**	420	400	400
S	20	10	7	43	35.5	52	27	36	22	174	RED20/10S	**VERED20/10S**	420	400	400
S	20	12	8	43	35.5	52	27	36	24	177	RED20/12S	**VERED20/12S**	420	400	400
S	20	14	10	45	37	55	27	36	27	182	RED20/14S	**VERED20/14S**	420	400	400
S/L	20	15	12	43	36	51	27	36	27	173	RED20S/15L	**VERED20S/15L**	400	315	315
S	20	16	12	45	36.5	55	27	36	30	182	RED20/16S	**VERED20/16S**	420	400	400
S/L	20	18	14	43	35.5	51	27	36	32	178	RED20S/18L	**VERED20S/18L**	400	315	315
S	25	06	4	45.5	38.5	53	32	46	17	294	RED25/06S	**VERED25/06S**	420	400	400
S	25	08	5	45.5	38.5	53	32	46	19	295	RED25/08S	**VERED25/08S**	420	400	400
S	25	10	7	45.5	38	54	32	46	22	296	RED25/10S	**VERED25/10S**	420	400	400
S	25	12	8	45.5	38	54	32	46	24	299	RED25/12S	**VERED25/12S**	420	400	400
S	25	14	10	47.5	39.5	57	32	46	27	303	RED25/14S	**VERED25/14S**	420	400	400
S	25	16	12	47.5	39	57	32	46	30	304	RED25/16S	**VERED25/16S**	420	400	400

* S1 - Dimensions may vary according to the forged body

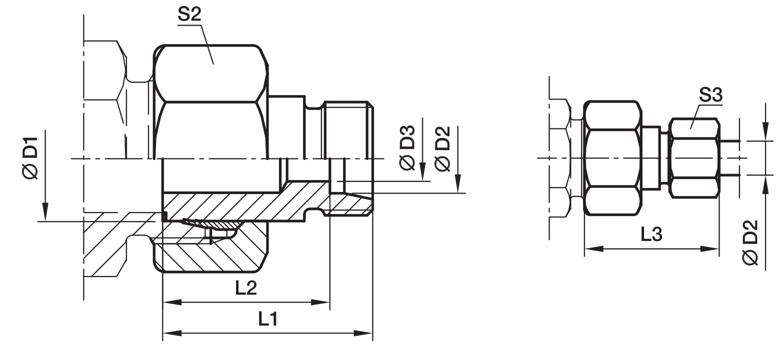
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D2	D3	L1	L2	L3	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	MS
LL	06	04	3.0	28.5	24.5	34	12	10	16	KOR06/04LL	**VEKOR06/04LL**	100	100	
LL	08	04	3.0	28.5	24.5	34	14	10	16	KOR08/04LL	**VEKOR08/04LL**	100	100	
LL	08	06	4.5	23.0	17.5	29	14	12	14	KOR08/06LL	**VEKOR08/06LL**	100	100	
L/LL	06	04	3.0	28.5	24.5	34	14	10	16	KOR06L/04LL	**VEKOR06L/04LL**	100	100	
L/LL	08	04	3.0	28.5	24.5	34	17	10	16	KOR08L/04LL	**VEKOR08L/04LL**	100	100	200
L	08	06	4.0	30.5	23.5	38	17	14	27	KOR08/06L	**VEKOR08/06L**	315	315	
L/LL	10	04	3.0	28.5	24.5	34	19	10	32	KOR10L/04LL	**VEKOR10L/04LL**	100	100	200
L	10	06	4.0	30.5	23.5	38	19	14	34	KOR10/06L	**VEKOR10/06L**	315	315	
L	10	08	6.0	30.5	23.5	38	19	17	35	KOR10/08L	**VEKOR10/08L**	315	315	200
L/LL	12	04	3.0	28.5	24.5	34	22	10	41	KOR12L/04LL	**VEKOR12L/04LL**	100	100	
L	12	06	4.0	30.5	23.5	38	22	14	45	KOR12/06L	**VEKOR12/06L**	315	315	200
L	12	08	6.0	30.5	23.5	38	22	17	45	KOR12/08L	**VEKOR12/08L**	315	315	200
L	12	10	8.0	31.5	24.5	39	22	19	46	KOR12/10L	**VEKOR12/10L**	315	315	200
L	15	06	4.0	30.5	23.5	38	27	14	68	KOR15/06L	**VEKOR15/06L**	315	315	200
L	15	08	6.0	30.5	23.5	38	27	17	69	KOR15/08L	**VEKOR15/08L**	315	315	200
L	15	10	8.0	31.5	24.5	39	27	19	70	KOR15/10L	**VEKOR15/10L**	315	315	200
L	15	12	10.0	31.5	24.5	39	27	22	70	KOR15/12L	**VEKOR15/12L**	315	315	200
L	18	06	4.0	31.5	24.5	39	32	14	100	KOR18/06L	**VEKOR18/06L**	315	315	200
L	18	08	6.0	31.5	24.5	39	32	17	102	KOR18/08L	**VEKOR18/08L**	315	315	200
L	18	10	8.0	32.5	25.5	40	32	19	102	KOR18/10L	**VEKOR18/10L**	315	315	200
L	18	12	10.0	32.5	25.5	40	32	22	101	KOR18/12L	**VEKOR18/12L**	315	315	200
L	18	15	12.0	33.5	26.5	42	32	27	106	KOR18/15L	**VEKOR18/15L**	315	315	200
L	22	06	4.0	32.5	25.5	40	36	14	137	KOR22/06L	**VEKOR22/06L**	160	160	100
L	22	08	6.0	32.5	25.5	40	36	17	136	KOR22/08L	**VEKOR22/08L**	160	160	100
L	22	10	8.0	33.5	26.5	41	36	19	138	KOR22/10L	**VEKOR22/10L**	160	160	100
L	22	12	10.0	33.5	26.5	41	36	22	138	KOR22/12L	**VEKOR22/12L**	160	160	100
L	22	15	12.0	34.5	27.5	43	36	27	143	KOR22/15L	**VEKOR22/15L**	160	160	100
L	22	18	15.0	34.5	27.0	43	36	32	143	KOR22/18L	**VEKOR22/18L**	160	160	100
L	28	06	4.0	33.5	26.5	41	41	14	177	KOR28/06L	**VEKOR28/06L**	160	160	100
L	28	08	6.0	33.5	26.5	41	41	17	179	KOR22/08L	**VEKOR22/08L**	160	160	100
L	28	10	8.0	34.5	27.5	42	41	19	180	KOR28/10L	**VEKOR28/10L**	160	160	100
L	28	12	10.0	34.5	27.5	42	41	22	180	KOR28/12L	**VEKOR28/12L**	160	160	100
L	28	15	12.0	35.5	28.5	44	41	27	185	KOR28/15L	**VEKOR28/15L**	160	160	100

* S1 - Dimensions may vary according to the forged body

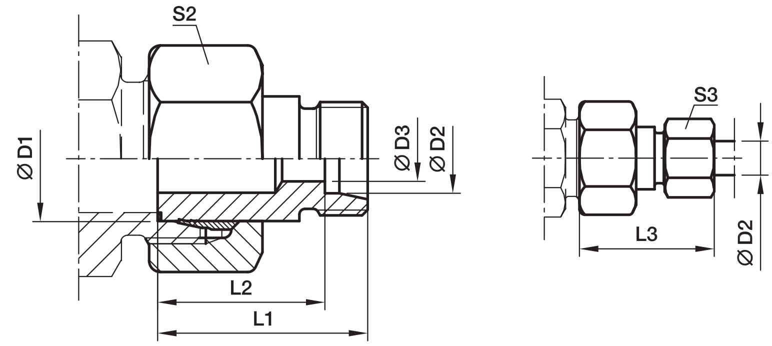
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	D2	D3	L1	L2	L3	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	MS
L	28	18	15.0	35.5	28.0	44	41	32	184	KOR28/18L	**VEKOR28/18L**	160	160	100
L	28	22	19.0	37.5	30.0	46	41	36	188	KOR28/22L	**VEKOR28/22L**	160	160	100
L	35	06	4.0	38.5	31.5	46	50	14	302	KOR35/06L	**VEKOR35/06L**	160	160	
L	35	08	6.0	38.5	31.5	46	50	17	306	KOR35/08L	**VEKOR35/08L**	160	160	
L	35	10	8.0	39.5	32.5	47	50	19	305	KOR35/10L	**VEKOR35/10L**	160	160	100
L	35	12	10.0	39.5	32.5	47	50	22	304	KOR35/12L	**VEKOR35/12L**	160	160	100
L	35	15	12.0	40.5	33.5	49	50	27	308	KOR35/15L	**VEKOR35/15L**	160	160	100
L	35	18	15.0	40.5	33.0	49	50	32	316	KOR35/18L	**VEKOR35/18L**	160	160	100
L	35	22	19.0	42.5	35.0	51	50	36	310	KOR35/22L	**VEKOR35/22L**	160	160	100
L	35	28	24.0	42.5	35.0	52	50	41	305	KOR35/28L	**VEKOR35/28L**	160	160	100
L	42	10	8.0	40.5	33.5	48	60	19	455	KOR42/10L	**VEKOR42/10L**	160	160	
L	42	12	10.0	40.5	33.5	48	60	22	438	KOR42/12L	**VEKOR42/12L**	160	160	100
L	42	15	12.0	41.5	34.5	50	60	27	438	KOR42/15L	**VEKOR42/15L**	160	160	100
L	42	18	15.0	41.5	34.0	50	60	32	449	KOR42/18L	**VEKOR42/18L**	160	160	100
L	42	22	19.0	43.5	36.0	52	60	36	461	KOR42/22L	**VEKOR42/22L**	160	160	
L	42	28	24.0	43.5	36.0	53	60	41	443	KOR42/28L	**VEKOR42/28L**	160	160	100
L	42	35	30.0	45.5	35.0	57	60	50	444	KOR42/35L	**VEKOR42/35L**	160	160	100

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Properties

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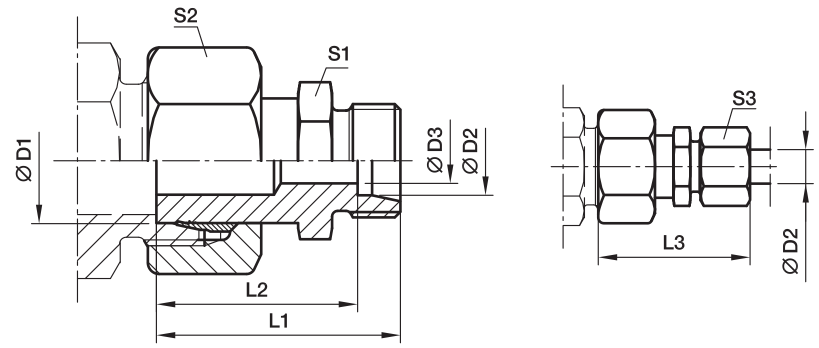

Series	D1	D2	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR MS
	08	06	4	33.5	26.5	41	12	17	14	32	KOR08/06L71	**VEKOR08/06L71**	315
	10	06	4	34.5	27.5	42	12	19	14	39	KOR10/06L71	**VEKOR10/06L71**	315
	10	08	6	35.5	28.5	43	14	19	17	40	KOR10/08L71	**VEKOR10/08L71**	315
	12	06	4	36.5	29.5	44	14	22	14	49	KOR12/06L71	**VEKOR12/06L71**	315
	12	08	8	36.5	29.5	44	14	22	17	53	KOR12/08L71	**VEKOR12/08L71**	315
	12	10	8	37.5	30.5	45	17	22	19	55	KOR12/10L71	**VEKOR12/10L71**	315
	15	06	4	37.0	30.0	45	17	27	14	79	KOR15/06L71	**VEKOR15/06L71**	315
	15	08	6	37.0	30.0	45	17	27	17	78	KOR15/08L71	**VEKOR15/08L71**	315
	15	10	8	38.0	31.0	46	17	27	19	85	KOR15/10L71	**VEKOR15/10L71**	315
	15	12	10	39.0	32.0	47	19	27	22	84	KOR15/12L71	**VEKOR15/12L71**	315
	18	06	4	37.5	30.5	45	19	32	14	112	KOR18/06L71	**VEKOR18/06L71**	315
	18	08	6	37.5	30.5	45	19	32	17	113	KOR18/08L71	**VEKOR18/08L71**	315
	18	10	8	38.5	31.5	46	19	32	19	113	KOR18/10L71	**VEKOR18/10L71**	315
	18	12	10	38.5	31.5	46	19	32	22	122	KOR18/12L71	**VEKOR18/12L71**	315
	18	15	12	39.5	32.5	48	24	32	27	131	KOR18/15L71	**VEKOR18/15L71**	315
L	22	06	4	38.5	31.5	46	24	36	14	154	KOR22/06L71	**VEKOR22/06L71**	160
	22	08	6	38.5	31.5	46	24	36	17	155	KOR22/08L71	**VEKOR22/08L71**	160
	22	10	8	39.5	32.5	47	24	36	19	156	KOR22/10L71	**VEKOR22/10L71**	160
	22	12	10	39.5	32.5	47	24	36	22	157	KOR22/12L71	**VEKOR22/12L71**	160
	22	15	12	40.5	33.5	49	24	36	27	160	KOR22/15L71	**VEKOR22/15L71**	160
	22	18	15	41.5	34.0	50	27	36	32	173	KOR22/18L71	**VEKOR22/18L71**	160
	28	06	4	41.0	34.0	49	30	41	14	220	KOR28/06L71	**VEKOR28/06L71**	160
	28	08	6	41.0	34.0	49	30	41	17	217	KOR28/08L71	**VEKOR28/08L71**	160
	28	10	8	42.0	35.0	50	30	41	19	211	KOR28/10L71	**VEKOR28/10L71**	160
	28	12	10	42.0	35.0	50	30	41	22	219	KOR28/12L71	**VEKOR28/12L71**	160
	28	15	12	43.0	36.0	51	30	41	27	188	KOR28/15L71	**VEKOR28/15L71**	160
	28	18	15	43.0	35.5	52	30	41	32	218	KOR28/18L71	**VEKOR28/18L71**	160
	28	22	19	45.0	37.5	54	32	41	36	228	KOR28/22L71	**VEKOR28/22L71**	160
	35	06	4	48.5	41.5	56	36	50	14	307	KOR35/06L71	**VEKOR35/06L71**	160
	35	08	6	48.5	41.5	56	36	50	17	313	KOR35/08L71	**VEKOR35/08L71**	160

* S1 - Dimensions may vary according to the forged body

Properties

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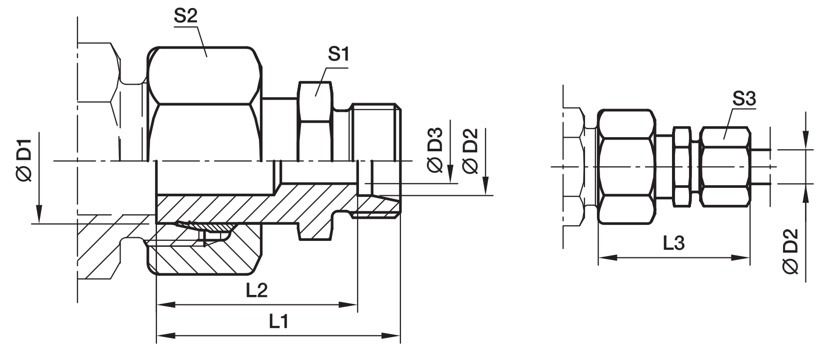

Series	D1	D2	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR
L	35	10	8	49.5	42.5	57	36	50	19	370	KOR35/10L71	**VEKOR35/10L71**	160
	35	12	10	49.5	42.5	57	36	50	22	371	KOR35/12L71	**VEKOR35/12L71**	160
	35	15	12	50.5	43.5	59	36	50	27	380	KOR35/15L71	**VEKOR35/15L71**	160
	35	18	15	50.5	43.0	59	36	50	32	382	KOR35/18L71	**VEKOR35/18L71**	160
	35	22	19	52.5	45.0	61	36	50	36	380	KOR35/22L71	**VEKOR35/22L71**	160
	35	28	24	52.5	45.0	62	41	50	41	400	KOR35/28L71	**VEKOR35/28L71**	160
	42	10	8	52.5	45.5	60	46	60	19	551	KOR42/10L71	**VEKOR42/10L71**	160
	42	12	10	52.5	45.5	60	46	60	22	551	KOR42/12L71	**VEKOR42/12L71**	160
	42	15	12	53.5	46.5	62	46	60	27	687	KOR42/15L71	**VEKOR42/15L71**	160
	42	18	15	53.5	46.0	62	46	60	32	555	KOR42/18L71	**VEKOR42/18L71**	160
	42	22	19	55.5	48.0	64	46	60	36	568	KOR42/22L71	**VEKOR42/22L71**	160
	42	28	24	55.5	48.0	65	46	60	41	559	KOR42/28L71	**VEKOR42/28L71**	160
	42	35	30	57.5	47.0	69	46	60	50	588	KOR42/35L71	**VEKOR42/35L71**	160

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Properties

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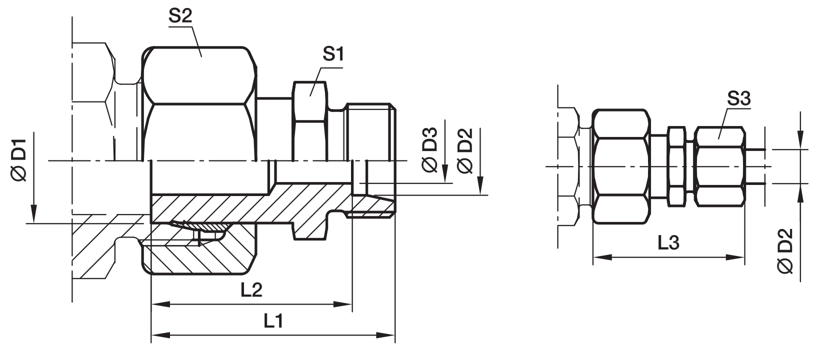

Series	D1	D2	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR MS
S	08	06	4	36.5	29.5	44	14	19	17	16	KOR08/06S71	**VEKOR08/06S71**	630
	10	06	4	38.5	31.5	46	14	22	17	16	KOR10/06S71	**VEKOR10/06S71**	630
	10	08	5	38.5	31.5	46	17	22	19	14	KOR10/08S71	**VEKOR10/08S71**	630
	12	06	4	38.5	31.5	46	14	24	17	16	KOR12/06S71	**VEKOR12/06S71**	630
	12	08	5	38.5	31.5	46	17	24	19	16	KOR12/08S71	**VEKOR12/08S71**	630
	12	10	7	39.5	32.0	48	19	24	22	27	KOR12/10S71	**VEKOR12/10S71**	630
	14	06	4	40.5	33.5	48	17	27	17	32	KOR14/06S71	**VEKOR14/06S71**	630
	14	08	5	40.5	33.5	48	17	27	19	34	KOR14/08S71	**VEKOR14/08S71**	630
	14	10	7	41.5	34.0	50	19	27	22	35	KOR14/10S71	**VEKOR14/10S71**	630
	14	12	8	41.5	34.0	50	22	27	24	41	KOR14/10S71	**VEKOR14/10S71**	630
	16	06	4	41.0	34.0	49	17	30	17	44	KOR16/06S71	**VEKOR16/06S71**	315
	16	08	5	41.0	34.0	49	17	30	19	45	KOR16/08S71	**VEKOR16/08S71**	315
	16	10	7	42.0	34.5	51	19	30	22	46	KOR16/10S71	**VEKOR16/10S71**	315
	16	12	8	42.0	34.5	51	22	30	24	68	KOR16/12S71	**VEKOR16/12S71**	315
	16	14	10	44.0	36.0	54	24	30	27	69	KOR16/14S71	**VEKOR16/14S71**	315
	20	06	4	46.0	39.0	54	22	36	17	70	KOR20/06S71	**VEKOR20/06S71**	400
	20	08	5	46.0	39.0	54	22	36	19	70	KOR20/08S71	**VEKOR20/08S71**	400
	20	10	7	46.0	38.5	55	22	36	22	100	KOR20/10S71	**VEKOR20/10S71**	400
	20	12	8	46.0	38.5	55	22	36	24	101	KOR20/12S71	**VEKOR20/12S71**	400
	20	14	10	46.0	40.0	58	24	36	27	101	KOR20/14S71	**VEKOR20/14S71**	400
	20	16	12	49.0	40.5	59	27	36	30	101	KOR20/16S71	**VEKOR20/16S71**	400
	25	06	4	50.5	43.5	58	27	46	17	106	KOR25/06S71	**VEKOR25/06S71**	400
	25	08	5	50.5	43.5	58	27	46	19	136	KOR25/08S71	**VEKOR25/08S71**	400
	25	10	7	50.5	43.0	59	27	46	22	136	KOR25/10S71	**VEKOR25/10S71**	400
	25	12	8	50.5	43.0	59	27	46	24	138	KOR25/12S71	**VEKOR25/12S71**	400
	25	14	10	52.5	44.5	62	27	46	27	138	KOR25/14S71	**VEKOR25/14S71**	400
	25	16	12	52.5	44.0	62	27	46	30	143	KOR25/16S71	**VEKOR25/16S71**	400
	25	20	16	54.5	44.0	66	32	46	36	143	KOR25/20S71	**VEKOR25/20S71**	400
	30	06	4	53.0	46.0	61	32	50	17	177	KOR30/06S71	**VEKOR30/06S71**	400
	30	08	5	53.0	46.0	61	32	50	19	179	KOR30/08S71	**VEKOR30/08S71**	400

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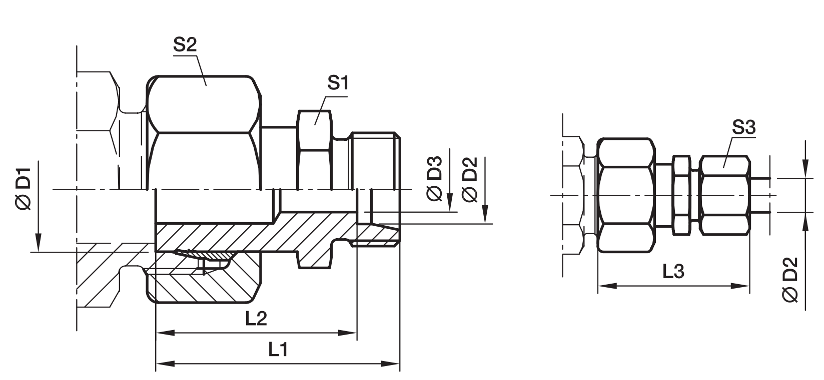

Series	D1	D2	D3	L1	L2	L3	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR MS
S	30	10	7	53.0	45.5	62	32	50	22	180	KOR30/10S71	**VEKOR30/10S71**	400
	30	12	8	53.0	45.5	62	32	50	24	180	KOR30/12S71	**VEKOR30/12S71**	400
	30	14	10	55.0	47.0	65	32	50	27	185	KOR30/14S71	**VEKOR30/14S71**	400
	30	16	12	55.0	46.5	65	32	50	30	184	KOR30/16S71	**VEKOR30/16S71**	400
	30	20	16	57.0	46.5	68	32	50	36	188	KOR30/20S71	**VEKOR30/20S71**	400
	30	25	20	60.0	48.0	72	41	50	46	302	KOR30/25S71	**VEKOR30/25S71**	400
	38	06	4	60.0	53.0	68	41	60	17	306	KOR38/10S71	**VEKOR38/10S71**	315
	38	08	5	60.0	53.0	68	41	60	19	305	KOR38/14S71	**VEKOR38/14S71**	315
	38	10	7	60.0	52.5	69	41	60	22	304	KOR38/16S71	**VEKOR38/16S71**	315
	38	12	8	60.0	52.5	69	41	60	24	308	KOR38/20S71	**VEKOR38/20S71**	315
	38	14	10	62.0	54.0	72	41	60	27	316	KOR38/14S71	**VEKOR38/14S71**	315
	38	16	12	62.0	53.5	72	41	60	30	310	KOR38/16S71	**VEKOR38/16S71**	315
	38	20	16	64.0	53.5	75	41	60	36	305	KOR38/20S71	**VEKOR38/20S71**	315
	38	25	20	66.0	54.0	78	41	60	46	455	KOR38/25S71	**VEKOR38/25S71**	315
	38	30	25	69.0	55.5	82	46	60	50	438	KOR38/30S71	**VEKOR38/30S71**	315

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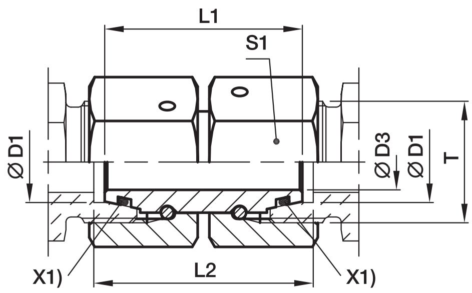


Series	D1	T	D3	L1	L2	S1	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	M 14X1.5	2.5	32	33	14	28	GZ06L	**VEGZ06L**	500	315	315
	08	M 14X1.5	4	32	33	17	41	GZ08L	**VEGZ08L**	500	315	315
	10	M 16X1.5	6	33	34	19	53	GZ10L	**VEGZ10L**	500	315	315
	12	M 18X1.5	8	33	34	22	71	GZ12L	**VEGZ12L**	400	315	315
	15	M 22X1.5	10	38	39	27	129	GZ15L	**VEGZ15L**	400	315	315
	18	M 26X1.5	13	36	38	32	165	GZ18L	**VEGZ18L**	400	315	315
	22	M 30X2	17	42	44	36	243	GZ22L	**VEGZ22L**	250	160	160
	28	M 36X2	22	46	48	41	319	GZ28L	**VEGZ28L**	250	160	160
	35	M 45X2	28	48	52	50	449	GZ35L	**VEGZ35L**	250	160	160
	42	M 52X2	34	52	57	60	737	GZ42L	**VEGZ42L**	250	160	160
S	06	M 14X1.5	2.5	32	33	17	41	GZ06S	**VEGZ06S**	800	630	630
	08	M 16X1.5	4	33	34	19	54	GZ08S	**VEGZ08S**	800	630	630
	10	M 18X1.5	6	33	35	22	74	GZ10S	**VEGZ10S**	800	630	630
	12	M 20X1.5	8	36	38	24	95	GZ12S	**VEGZ12S**	630	630	630
	14	M 22X1.5	9	39	41	27	131	GZ14S	**VEGZ14S**	630	630	630
	16	M 24X1.5	11	39	42	30	172	GZ16S	**VEGZ16S**	630	630	630
	20	M 30X2	14	44	48	36	261	GZ20S	**VEGZ20S**	420	400	400
	25	M 36X2	18	46	53	46	477	GZ25S	**VEGZ25S**	420	400	400
	30	M 42X2	23	52	62	50	605	GZ30S	**VEGZ30S**	420	400	400
	38	M 52X2	30	52	67	60	826	GZ38S	**VEGZ38S**	420	315	315

* S1 - Dimensions may vary according to the forged body

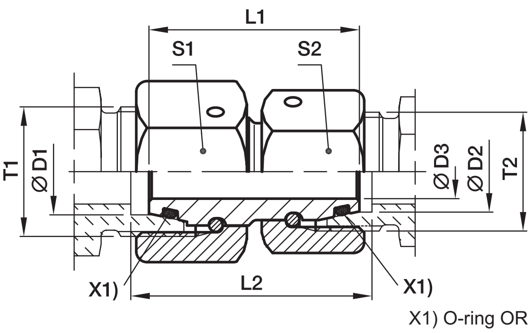
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish

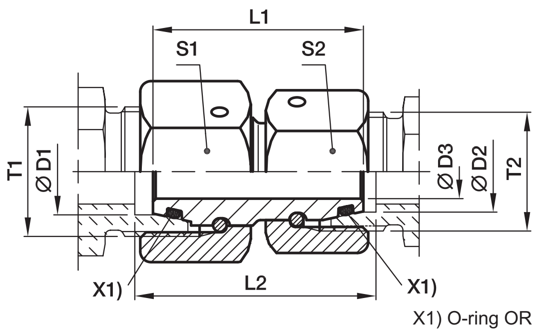


Series [3])	D1	D2	T1	T2	D3	L1	L2	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C
L/S	06	06	M 14x1.5	M 12x1.5	2.5	32	33.0	17	14	34	GZR06L/06S	**VEGZR06L/06S**	500	315
L	08	06	M 14x1.5	M 12x1.5	2.5	32	33.0	17	14	36	GZR08/06L	**VEGZR08/06L**	500	315
L/S	08	08	M 16x1.5	M 14x1.5	4.0	33	34.0	19	17	48	GZR08L/08S	**VEGZR08L/08S**	500	315
L	10	06	M 16x1.5	M 12x1.5	2.5	33	34.0	19	14	44	GZR10/06L	**VEGZR10/06L**	500	315
L	10	08	M 18x1.5	M 14x1.5	4.0	33	34.0	19	17	50	GZR10/08L	**VEGZR10/08L**	500	315
L/S	10	10	M 18x1.5	M 16x1.5	6.0	33	34.5	22	19	63	GZR10L/10S	**VEGZR10L/10S**	500	315
L	12	06	M 18x1.5	M 12x1.5	2.5	33	34.0	22	14	56	GZR12/06L	**VEGZR12/06L**	400	315
L	12	08	M 18x1.5	M 14x1.5	4.0	33	34.0	22	17	62	GZR12/08L	**VEGZR12/08L**	400	315
L	12	10	M 18x1.5	M 16x1.5	6.0	33	34.0	22	19	65	GZR12/10L	**VEGZR12/10L**	400	315
L/S	12	12	M 20x1.5	M 18x1.5	8.0	36	37.5	24	22	85	GZR12L/12S	**VEGZR12L/12S**	400	315
L	15	08	M 22x1.5	M 14x1.5	4.0	38	39.0	27	17	98	GZR15/08L	**VEGZR15/08L**	400	315
L	15	10	M 22x1.5	M 16x1.5	6.0	38	39.0	27	19	101	GZR15/10L	**VEGZR15/10L**	400	315
L	15	12	M 22x1.5	M 18x1.5	8.0	38	39.0	27	22	108	GZR15/12L	**VEGZR15/12L**	400	315
L	18	10	M 26x1.5	M 16x1.5	6.0	36	37.5	32	19	125	GZR18/10L	**VEGZR18/10L**	400	315
L	18	12	M 26x1.5	M 18x1.5	8.0	36	37.5	32	22	132	GZR18/12L	**VEGZR18/12L**	400	315
L	18	15	M 26x1.5	M 22x1.5	10.0	38	39.5	32	27	155	GZR18/15L	**VEGZR18/15L**	400	315
L/S	18	16	M 26x1.5	M 24x1.5	11.0	39	41.5	32	30	177	GZR18L/16S	**VEGZR18L/16S**	400	315
L	22	12	M 30x2	M 18x1.5	8.0	42	43.5	36	22	195	GZR22/12L	**VEGZR22/12L**	250	160
L	22	15	M 30x2	M 22x1.5	10.0	42	43.5	36	27	215	GZR22/15L	**VEGZR22/15L**	250	160
L	22	18	M 30x2	M 26x1.5	13.0	42	44.0	36	32	228	GZR22/18L	**VEGZR22/18L**	250	160
L/S	22	20	M 30x2	M 30x2	14.0	44	47.0	36	36	266	GZR22L/20S	**VEGZR22L/20S**	250	160
L	28	15	M 36x2	M 22x1.5	10.0	46	47.5	41	27	143	GZR28/15L	**VEGZR28/15L**	250	160
L	28	18	M 36x2	M 26x1.5	13.0	46	48.0	41	32	311	GZR28/18L	**VEGZR28/18L**	250	160
L	28	22	M 36x2	M 30x2	17.0	46	46.0	41	36	309	GZR28/22L	**VEGZR28/22L**	250	160
L/S	28	25	M 36x2	M 30x2	18.0	46	50.5	41	46	419	GZR28L/25S	**VEGZR28L/25S**	250	160
L	35	18	M 45x2	M 26x1.5	13.0	48	51.0	50	32	430	GZR35/18L	**VEGZR35/18L**	250	160
L	35	22	M 45x2	M 30x2	17.0	48	51.0	50	36	429	GZR35/22L	**VEGZR35/22L**	250	160
L	35	28	M 45x2	M 36x2	22.0	48	51.0	50	41	415	GZR35/28L	**VEGZR35/28L**	250	160
L/S	35	30	M 45x2	M 42x2	23.0	52	59.0	50	50	577	GZR35L/30S	**VEGZR35L/30S**	250	160
L	42	22	M 52x2	M 30x2	17.0	52	55.5	60	36	653	GZR42/22L	**VEGZR42/22L**	250	160
L	42	28	M 52x2	M 36x2	22.0	52	55.5	60	41	648	GZR42/28L	**VEGZR42/28L**	250	160
L	42	35	M 52x2	M 45x2	28.0	52	56.5	60	50	662	GZR42/35L	**VEGZR42/35L**	250	160
L/S	42	38	M 52x2	M 52x2	30.0	52	62.0	60	60	822	GZR42L/38S	**VEGZR42L/38S**	250	160

* S1 - Dimensions may vary according to the forged body

Properties

Properties
Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish



Series 3)	D1	D2	T1	T2	D3	L1	L2	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C
S	08	06	M 16x1.5	M 14x1.5	2.5	33	34.0	19	17	49	GZR08/06S	**VEGZR08/06S**	800	630
S	10	06	M 16x1.5	M 14x1.5	2.5	33	34.5	22	17	60	GZR10/06S	**VEGZR10/06S**	800	630
S	10	08	M 18x1.5	M 16x1.5	4.0	33	34.5	22	19	66	GZR10/08S	**VEGZR10/08S**	800	630
S	12	06	M 18x1.5	M 14x1.5	2.5	36	37.5	24	17	77	GZR12/06S	**VEGZR12/06S**	630	630
S	12	08	M 20x1.5	M 16x1.5	4.0	36	37.5	24	19	82	GZR12/08S	**VEGZR12/08S**	630	630
S	12	10	M 20x1.5	M 18x1.5	6.0	36	38.0	24	22	89	GZR12/10S	**VEGZR12/10S**	630	630
S	16	10	M 24x1.5	M 18x1.5	6.0	39	41.5	30	22	138	GZR16/10S	**VEGZR16/10S**	630	400
S	16	12	M 24x1.5	M 20x1.5	8.0	39	41.5	30	24	143	GZR16/12S	**VEGZR16/12S**	630	400
S/L	16	15	M 24x1.5	M 22x1.5	10.0	39	41.0	30	27	153	GZR16S/15L	**VEGZR16S/15L**	400	315
S	20	12	M 30x2	M 20x1.5	8.0	44	47.0	36	24	204	GZR20/12S	**VEGZR20/12S**	420	400
S	20	16	M 30x2	M 24x1.5	11.0	44	47.5	36	30	232	GZR20/16S	**VEGZR20/16S**	420	400
S/L	20	18	M 30x2	M 26x1.5	13.0	44	47.0	36	32	224	GZR20S/18L	**VEGZR20S/18L**	400	315
S	25	16	M 36x2	M 24x1.5	11.0	46	51.0	46	30	224	GZR25/16S	**VEGZR25/16S**	420	400
S	25	20	M 36x2	M 30x2	14.0	46	51.5	46	36	364	GZR25/20S	**VEGZR25/20S**	420	400
S/L	25	22	M 36x2	M 30x2	17.0	46	50.5	46	36	475	GZR25S/22L	**VEGZR25S/22L**	250	160
S	30	16	M 42x2	M 24x1.5	11.0	52	58.5	50	30	475	GZR30/16S	**VEGZR30/16S**	420	400
S	30	20	M 42x2	M 30x2	14.0	52	59.0	50	36	500	GZR30/20S	**VEGZR30/20S**	400	400
S	30	25	M 42x2	M 36x2	18.0	52	60.5	50	46	589	GZR30/25S	**VEGZR30/25S**	420	400
S/L	30	28	M 42x2	M 36x2	22.0	52	58.0	50	41	476	GZR30S/28L	**VEGZR30S/28L**	420	160
S	38	20	M 52x2	M 30x2	14.0	52	61.5	60	36	671	GZR38/20S	**VEGZR38/20S**	250	315
S	38	25	M 52x2	M 36x2	18.0	52	63.0	60	46	759	GZR38/25S	**VEGZR38/25S**	420	315
S	38	30	M 52x2	M 42x2	23.0	52	64.5	60	50	767	GZR38/30S	**VEGZR38/30S**	420	315
S/L	38	35	M 52x2	M 45x2	28.0	52	61.5	60	50	662	GZR38S/35L	**VEGZR38S/35L**	250	160

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Properties

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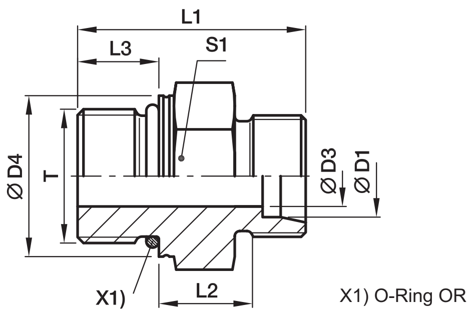
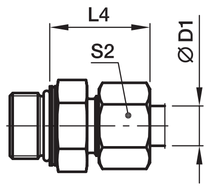
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





Series	D1	T	D3	D4	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR		
														CF	A3C	71
LL	04	M 08x1	3.0	10.8	20.0	9.5	6.5	19.0	11	10	8	GEO04LLM	**VEGEO04LLM**	100	100	
	04	M 10x1	3.0	12.8	20.0	9.5	6.5	19.0	13	10	11	GEO04LLM10X1	**VEGEO04LLM10X1**	100	100	
	06	M 10x1	4.5	12.8	20.0	8.0	6.5	19.5	13	12	10	GEO06LLM	**VEGEO06LLM**	100	100	
L	06	M 10x1	4.5	14.0	24.0	8.5	8.5	23.0	14	14	15	GEO06LM	**VEGEO06LM**	500	315	315
	08	M 12x1.5	6.0	17.0	28.0	10.0	11.0	25.0	17	17	23	GEO08LM	**VEGEO08LM**	500	315	315
	10	M 14x1.5	7.5	19.0	29.0	11.0	11.0	26.0	19	19	28	GEO10LM	**VEGEO10LM**	500	315	315
	12	M 16x1.5	9.0	22.0	31.0	12.5	11.5	27.0	22	22	40	GEO12LM	**VEGEO12LM**	400	315	315
	15	M 18x1.5	11.0	24.0	33.0	13.5	12.5	29.0	24	27	56	GEO15LM	**VEGEO15LM**	400	315	315
	18	M 22x1.5	11.0	27.0	35.0	14.5	13.0	31.0	27	32	80	GEO18LM	**VEGEO18LM**	400	315	315
	22	M 27x2	18.0	32.0	40.0	16.5	16.0	33.0	32	36	104	GEO22LM27X2	**VEGEO22LM27X2**	250	160	160
	28	M 33x2	23.0	41.0	41.0	17.5	16.0	34.0	41	41	171	GEO28LM	**VEGEO28LM**	250	160	160
	35	M 42x2	30.0	50.0	44.0	17.5	16.0	39.0	50	50	278	GEO35LM	**VEGEO35LM**	250	160	160
	42	M 48x2	36.0	55.0	47.5	19.0	17.5	42.0	55	60	340	GEO42LM	**VEGEO42LM**	250	160	160
S	06	M 12x1.5	4.0	17.0	31.0	13.0	11.0	28.0	17	17	29	GEO06SM	**VEGEO06SM**	800	630	630
	08	M 14x1.5	6.0	19.0	33.0	15.0	11.0	30.0	19	19	41	GEO08SM	**VEGEO08SM**	800	630	630
	10	M 16x1.5	7.0	22.0	35.0	15.0	12.5	31.0	22	22	55	GEO10SM	**VEGEO10SM**	800	630	630
	12	M 18x1.5	9.0	24.0	38.5	17.0	14.0	33.0	24	24	73	GEO12SM	**VEGEO12SM**	630	630	630
	16	M 22x1.5	12.0	27.0	42.0	18.5	15.0	37.0	27	30	102	GEO16SM	**VEGEO16SM**	630	400	400
	20	M 27x2	15.0	32.0	49.5	20.5	18.5	42.0	32	36	169	GEO20SM	**VEGEO20SM**	420	400	400
	25	M 33x2	20.0	41.0	53.5	23.0	18.5	47.0	41	46	274	GEO25SM	**VEGEO25SM**	420	400	400
	30	M 42x2	26.0	50.0	56.0	23.5	19.0	50.0	50	50	412	GEO30SM	**VEGEO30SM**	420	400	400
	38	M 48x2	32.0	55.0	63.5	26.0	21.5	57.0	55	60	580	GEO38SM	**VEGEO38SM**	420	315	315

* S1 - Dimensions may vary according to the forged body

Properties

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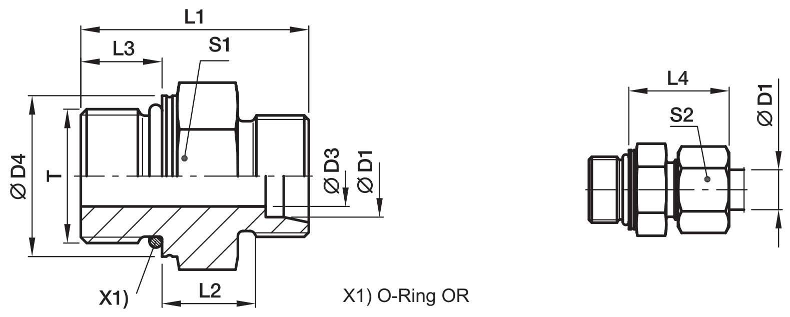

Series	D1	T	D3	D4	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
	06	M 10x1	4	14	23.5	8.5	8	23	14	14	13	GE06LMED	**VEGE06LMED**	500	315	315
	08	M 12x1.5	6	17	29.0	10.0	12	25	17	17	22	GE08LMED	**VEGE08LMED**	500	315	315
	10	M 14x1.5	7	19	30.0	11.0	12	26	19	19	29	GE10LMED	**VEGE10LMED**	500	315	315
	10	M 12x1.5	6	17	30.0	11.0	12	26	17	19	23	GE10LM12x1.5ED	**VEGE10LM12x1.5ED**	315	315	315
	10	M 16x1.5	8	22	31.5	12.5	12	24	22	19	40	GE10LM16x1.5ED	**VEGE10LM16x1.5ED**	400	315	315
	10	M 18x1.5	8	24	31.5	12.5	12	27	24	19	50	GE10LM18x1.5ED	**VEGE10LM18x1.5ED**	400	315	315
	10	M 22x1.5	8	27	35.0	14.0	14	29	27	19	80	GE10LM22x1.5ED	**VEGE10LM22x1.5ED**	400	315	315
	12	M 16x1.5	9	22	31.5	12.5	12	27	22	22	40	GE12LMED	**VEGE12LMED**	400	315	315
	12	M 14x1.5	7	19	30.0	11.0	12	26	19	22	30	GE12LM14x1.5ED	**VEGE12LM14x1.5ED**	400	315	315
	12	M 18x1.5	10	24	31.5	12.5	12	27	24	22	47	GE12LM18x1.5ED	**VEGE12LM18x1.5ED**	400	315	315
L	12	M 22x1.5	10	27	35.0	14.0	14	29	27	22	75	GE12LM22x1.5ED	**VEGE12LM22x1.5ED**	400	315	315
	15	M 18x1.5	11	24	32.5	13.5	12	29	24	27	51	GE15LMED	**VEGE15LMED**	400	315	315
	15	M 16x1.5	9	22	32.0	13.0	12	28	24	27	64	GE15LM16x1.5ED	**VEGE15LM16x1.5ED**	400	315	315
	15	M 22x1.5	12	27	36.0	15.0	14	30	27	27	77	GE15LM22x1.5ED	**VEGE15LM22x1.5ED**	400	315	315
	18	M 22x1.5	14	27	36.0	14.5	14	31	27	32	74	GE18LMED	**VEGE18LMED**	400	315	315
	18	M 18x1.5	11	24	33.5	14.0	12	30	27	32	68	GE18LM18x1.5ED	**VEGE18LM18x1.5ED**	400	315	315
	22	M 26x1.5	18	32	40.0	16.5	16	33	32	36	103	GE22LMED	**VEGE22LMED**	250	160	160
	22	M 22x1.5	14	32	38.0	16.5	14	33	32	36	97	GE22LM22x1.5ED	**VEGE22LM22x1.5ED**	250	160	160
	28	M 33x2	23	40	43.0	17.5	18	34	41	41	168	GE28LMED	**VEGE28LMED**	250	160	160
	35	M 42x2	30	50	48.0	17.5	20	39	50	50	281	GE35LMED	**VEGE35LMED**	250	160	160
	42	M 48x2	36	55	52.0	19.0	22	42	55	60	356	GE42LMED	**VEGE42LMED**	250	160	160
	06	M 12x1.5	4	17	32.0	13.0	12	28	17	17	30	GE06SMED	**VEGE06SMED**	800	630	630
	08	M 14x1.5	5	19	34.0	15.0	12	30	19	19	42	GE08SMED	**VEGE08SMED**	800	630	630
	10	M 16x1.5	7	22	34.5	15.0	12	31	22	22	54	GE10SMED	**VEGE10SMED**	800	630	630
	12	M 18x1.5	8	24	36.5	17.0	12	33	24	24	71	GE12SMED	**VEGE12SMED**	630	630	630
	12	M 14x1.5	5	19	36.0	16.5	12	33	22	24	60	GE12SM14x1.5ED	**VEGE12SM14x1.5ED**	630	630	630
	12	M 22x1.5	8	27	39.0	17.5	14	34	27	24	102	GE12SM22x1.5ED	**VEGE12SM22x1.5ED**	630	400	400
S	14	M 20x1.5	10	26	41.0	19.0	14	37	27	27	98	GE14SMED	**VEGE14SMED**	630	630	630
	16	M 22x1.5	12	27	41.0	18.5	14	37	27	30	95	GE16SMED	**VEGE16SMED**	630	400	400
	16	M 18x1.5	8	24	38.5	18.0	12	36	27	30	88	GE16SM18x1.5ED	**VEGE16SM18x1.5ED**	630	400	400
	20	M 27x2	16	32	47.0	20.5	12	42	32	36	150	GE20SMED	**VEGE20SMED**	420	400	400
	25	M 33x2	20	40	53.0	23.0	18	47	41	46	264	GE25SMED	**VEGE25SMED**	420	400	400
	30	M 42x2	25	50	57.0	23.5	20	50	50	50	422	GE30SMED	**VEGE30SMED**	420	400	400
	38	M 48x2	32	55	64.0	26.0	22	57	55	60	569	GE38SMED	**VEGE38SMED**	420	315	315

Properties

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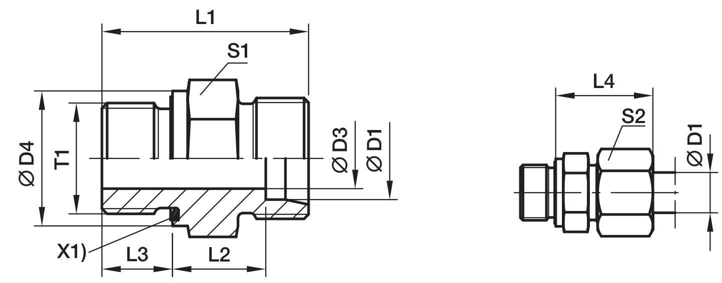


1) Eolastic-sealing ED

Series	D1	T1	D3	D4	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
LL	04	G1/8A	3	14	20	9.5	6.5	19	14	10	10	GE04LLRED	**VEGE04LLRED**	100	100	100	63
	06	G1/8A	4	14	20	8	6.5	20	14	12	11	GE06LLRED	**VEGE06LLRED**	100	100	100	63
L	06	G1/8A	4	14	23.5	8.5	8	23	14	14	13	GE06LRED	**VEGE06LRED**	500	315	315	200
	06	G1/4A	4	19	29	10	12	25	19	14	28	GE06LR1/4ED	**VEGE06LR1/4ED**	500	315	315	200
	06	G3/8A	4	22	30.5	11.5	12	26	22	14	44	GE06LR3/8ED	**VEGE06LR3/8ED**	400	315	315	200
	06	G1/2A	4	27	33	12	14	27	27	14	61	GE06LR1/2ED	**VEGE06LR1/2ED**	400	315	315	200
	08	G1/4A	6	19	29	10	12	25	19	17	27	GE08LRED	**VEGE08LRED**	500	315	315	200
	08	G1/8A	4	14	24.5	9.5	8	24	14	17	16	GE08LR1/8ED	**VEGE08LR1/8ED**	500	315	315	200
	08	G3/8A	6	22	30.5	11.5	12	26	22	17	45	GE08LR3/8ED	**VEGE08LR3/8ED**	400	315	315	200
	08	G1/2A	6	27	33	12	14	27	27	17	74	GE08LR1/2ED	**VEGE08LR1/2ED**	400	315	315	200
	10	G1/4A	6	19	30	11	12	26	19	19	29	GE10LRED	**VEGE10LRED**	500	315	315	200
	10	G1/8A	4	14	25.5	10.5	8	25	17	19	21	GE10LR1/8ED	**VEGE10LR1/8ED**	500	315	315	200
	10	G3/8A	8	22	31.5	12.5	12	27	22	19	43	GE10LR3/58ED	**VEGE10LR3/58ED**	400	315	315	200
	10	G1/2A	8	27	34	13	14	28	27	19	71	GE10LR1/2ED	**VEGE10LR1/2ED**	400	315	315	200
	12	G3/8A	9	22	31.5	12.5	12	27	22	22	41	GE12LRED	**VEGE12LRED**	400	315	315	200
	12	G1/8A	4	14	26.5	11.5	8	26	19	22	46	GE12LR1/8ED	**VEGE12LR1/8ED**	315	315	315	200
	12	G1/4A	6	19	31	12	12	27	19	22	31	GE12LR1/4ED	**VEGE12LR1/4ED**	400	315	315	200
	12	G1/2A	10	27	34	13	14	28	27	22	67	GE12LR1/2ED	**VEGE12LR1/2ED**	400	315	315	200
	12	G3/4A	10	32	37	14	16	29	32	22	118	GE12LR3/4ED	**VEGE12LR3/4ED**	250	160	160	100
	15	G1/2A	11	27	35	14	14	29	27	27	72	GE15LRED	**VEGE15LRED**	400	315	315	200
	15	G3/8A	9	22	32.5	13.5	12	29	24	27	54	GE15LR3/8ED	**VEGE15LR3/8ED**	400	315	315	200
	15	G3/4A	12	32	38	15	16	30	32	27	116	GE15LR3/4ED	**VEGE15LR3/4ED**	250	160	160	100
	18	G1/2A	14	27	36	14.5	14	31	27	32	71	GE18LRED	**VEGE18LRED**	400	315	315	200
	18	G3/8A	9	22	33.5	14	12	30	27	32	66	GE18LR3/8ED	**VEGE18LR3/8ED**	400	315	315	200
	18	G3/4A	15	32	38	14.5	16	31	32	32	110	GE18LR3/4ED	**VEGE18LR3/4ED**	250	160	160	100
	22	G3/4A	18	32	40	16.5	16	33	32	36	102	GE22LRED	**VEGE22LRED**	250	160	160	100
	22	G1/2A	14	27	38	16.5	14	33	32	36	91	GE22LR1/2ED	**VEGE22LR1/2ED**	250	160	160	100
	22	G1A	19	40	43	17.5	18	34	41	36	189	GE22LR1ED	**VEGE22LR1ED**	250	160	160	100
	28	G1A	23	40	43	17.5	18	34	41	41	170	GE28LRED	**VEGE28LRED**	250	160	160	100
	28	G3/4A	18	32	41	17.5	16	34	41	41	159	GE28LR3/4ED	**VEGE28LR3/4ED**	250	160	160	100
	28	G1 1/4A	24	50	46	18.5	20	35	50	41	316	GE28LR11/4ED	**VEGE28LR11/4ED**	250	160	160	100
	35	G1 1/4A	30	50	48	17.5	20	39	50	50	272	GE35LRED	**VEGE35LRED**	250	160	160	100
	35	G1A	23	40	46	17.5	18	39	46	50	226	GE35LR1ED	**VEGE35LR1ED**	250	160	160	100
	35	G1 1/2A	30	55	52	19.5	22	41	55	50	423	GE35LR11/2ED	**VEGE35LR11/2ED**	250	160	160	100
	42	GA 1/2A	36	55	52	19	22	42	55	60	343	GE42LRED	**VEGE42LRED**	250	160	160	100
	42	G1A	23	40	48	19	18	42	55	60	324	GE42LR1ED	**VEGE42LR1ED**	250	160	160	100
	42	G1 1/4A	30	50	50	19	20	42	55	60	348	GE42LR11/4ED	**VEGE42LR11/4ED**	250	160	160	100

* S1 - Dimensions may vary according to the forged body

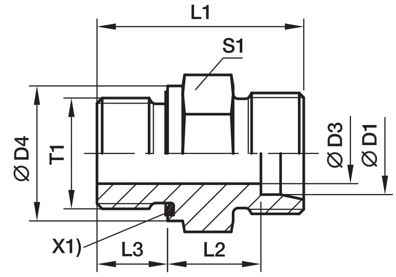
Properties

Design - As per DIN 2353 - ISO 8434 -1

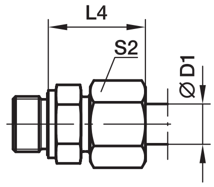
Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



1) Eolastic-sealing ED



Series	D1	T1	D3	D4	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
	06	G1/4A	4	19	32	13	12	28	19	17	35	GE06SRED	**VEGE06SRED**	800	630	630	400
	06	G1/8A	4	14	27.5	12.5	8	27	14	17	21	GE06SR1/8ED	**VEGE06SR1/8ED**	315	315	315	
	06	G3/8A	4	22	34.5	15.5	12	30	22	17	52	GE06SR3/8ED	**VEGE06SR3/8ED**	630	630	630	
	06	G1/2A	4	27	39	18	14	33	27	17	83	GE06SR1/2ED	**VEGE06SR1/2ED**	630	630	630	
	08	G1/4A	5	19	34	15	12	30	19	19	41	GE08SRED	**VEGE08SRED**	800	630	630	400
	08	G3/8A	5	22	34.5	15.5	12	30	22	19	57	GE08SR3/8ED	**VEGE08SR3/8ED**	800	630	630	
	08	G1/2A	5	27	39	18	14	33	27	19	89	GE08SR1/2ED	**VEGE08SR1/2ED**	630	400	400	
	10	G3/8A	7	22	34.5	15	12	31	22	22	55	GE10SRED	**VEGE10SRED**	800	630	630	400
	10	G1/4A	5	19	34	14.5	12	31	19	22	42	GE10SR1/4ED	**VEGE10SR1/4ED**	800	630	630	
	10	G1/2A	7	27	39	17.5	14	34	27	22	97	GE10SR1/2ED	**VEGE10SR1/2ED**	630	630	630	
	12	G3/8A	8	22	36.5	17	12	33	22	24	62	GE12SRED	**VEGE12SRED**	630	630	630	400
	12	G1/4A	5	19	36	16.5	12	33	22	24	61	GE12SR1/4ED	**VEGE12SR1/4ED**	630	630	630	
	12	G1/2A	8	27	39	17.5	14	34	27	24	99	GE12SR1/2ED	**VEGE12SR1/2ED**	630	630	630	
	14	G1/2A	10	27	41	19	14	37	27	27	96	GE14SRED	**VEGE14SRED**	630	630	630	400
	14	G3/8A	8	22	38.5	18.5	12	36	24	27	74	GE14SR3/8ED	**VEGE14SR3/8ED**	630	630	630	
	14	G3/4A	10	32	45	21	16	39	32	27	138	GE14SR3/4ED	**VEGE14SR3/4ED**	400	400	400	
S	16	G1/2A	12	27	41	18.5	14	37	27	30	91	GE16SRED	**VEGE16SRED**	630	400	400	250
	16	G3/8A	8	22	38.5	18	12	36	27	30	83	GE16SR3/8ED	**VEGE16SR3/8ED**	630	400	400	
	16	G3/4A	12	32	45	20.5	16	39	32	30	152	GE16SR3/4ED	**VEGE16SR3/4ED**	420	400	400	
	20	G3/4A	16	32	47	20.5	16	42	32	36	149	GE20SRED	**VEGE20SRED**	420	400	400	250
	20	G1/2A	12	27	45	20.5	14	42	32	36	142	GE20SR1/2ED	**VEGE20SR1/2ED**	420	400	400	
	20	G1A	16	40	51	22.5	18	44	41	36	265	GE20SR1ED	**VEGE20SR1ED**	420	400	400	
	20	G11/4A	16	50	53	22.5	20	44	50	36	404	GE20SR11/4ED	**VEGE20SR11/4ED**	420	400	400	
	25	G1A	20	40	53	23	18	47	41	46	266	GE25SRED	**VEGE25SRED**	420	400	400	250
	25	G1/2A	12	27	49	23	14	47	41	46	228	GE25SR1/2ED	**VEGE25SR1/2ED**	420	400	400	
	25	G3/4A	16	32	51	23	16	47	41	46	255	GE25SR3/4ED	**VEGE25SR3/4ED**	420	400	400	
	25	G11/4A	20	50	55	23	20	47	50	46	411	GE25SR11/4ED	**VEGE25SR11/4ED**	400	400	400	
	25	G11/2A	20	55	60	26	22	50	55	46	549	GE25SR11/2ED	**VEGE25SR11/2ED**	315	315	315	
	30	G11/4A	25	50	57	23.5	20	50	50	50	418	GE30SRED	**VEGE30SRED**	420	400	400	250
	30	G1A	20	40	55	23.5	18	50	46	50	344	GE30SR1ED	**VEGE30SR1ED**	420	400	400	
	30	G11/2A	25	55	62	26.5	22	53	55	50	530	GE30SR11/2ED	**VEGE30SR11/2ED**	315	315	315	
	38	G11/2A	32	55	64	26	22	57	55	60	563	GE38SRED	**VEGE38SRED**	420	315	315	200
	38	G11/4A	25	50	62	26	20	57	55	60	575	GE38SR11/4ED	**VEGE38SR11/4ED**	420	315	315	

* S1 - Dimensions may vary according to the forged body

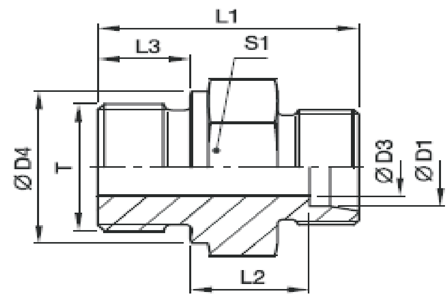
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
L	06	G1/8A	4	14	23.5	8.5	8	23	14	14	14	GE06LR	**VEGE06LR**	315	315	315	200
	06	G1/4A	4	18	29	10	12	25	19	14	60	GE06LR1/4	**VEGE06LR1/4**	315	315	315	200
	06	G3/8A	4	22	30.5	11.5	12	26	22	14	45	GE06LR3/8	**VEGE06LR3/8**	315	315	315	200
	06	G1/2A	4	26	33	12	14	27	27	14	60	GE06LR1/2	**VEGE06LR1/2**	315	315	315	
	08	G1/4A	6	18	29	10	12	25	19	17	26	GE08LR	**VEGE08LR**	315	315	315	200
	08	G1/8A	4	14	24.5	8.5	8	23	14	17	16	GE08LR1/8	**VEGE08LR1/8**	315	315	315	
	08	G3/8A	6	22	30.5	11.5	12	26	22	17	44	GE08LR3/8	**VEGE08LR3/8**	315	315	315	200
	08	G1/2A	6	26	33	12	14	27	27	17	74	GE08LR1/2	**VEGE08LR1/2**	315	315	315	200
	10	G1/4A	6	18	30	11	12	26	19	19	31	GE10LR	**VEGE10LR**	315	315	315	200
	10	G1/8A	4	14	25.5	10.5	8	25	17	19	21	GE10LR1/8	**VEGE10LR1/8**	315	315	315	
	10	G3/8A	8	22	31.5	12.5	12	27	22	19	44	GE10LR3/8	**VEGE10LR3/8**	315	315	315	200
	10	G1/2A	8	26	34	13	14	28	27	19	72	GE10LR1/2	**VEGE10LR1/2**	315	315	315	200
	12	G3/8A	9	22	31.5	12.5	12	27	22	22	43	GE12LR	**VEGE12LR**	315	315	315	200
	12	G1/8A	4	14	26.5	11.5	8	26	19	22	27	GE12LR1/8	**VEGE12LR1/8**	315	315	315	
	12	G1/4A	6	18	31	12	12	27	19	22	32	GE12LR1/4	**VEGE12LR1/4**	315	315	315	200
	12	G1/2A	10	26	34	13	14	28	27	22	67	GE12LR1/2	**VEGE12LR1/2**	315	315	315	200
	12	G3/4A	10	32	37	14	16	29	32	22	120	GE12LR3/4	**VEGE12LR3/4**	315	315	315	
	15	G1/2A	11	26	35	14	14	29	27	27	72	GE15LR	**VEGE15LR**	250	250	250	160
	15	G3/8A	9	22	32.5	13.5	12	29	24	27	56	GE15LR3/8	**VEGE15LR3/8**	250	250	250	160
	15	G3/4A	12	32	38	15	16	30	32	27	118	GE15LR3/4	**VEGE15LR3/4**	250	250	250	
	18	G1/2A	14	26	36	14.5	14	31	27	32	72	GE18LR	**VEGE18LR**	250	250	250	160
	18	G3/8A	9	22	33.5	14	12	29.5	27	32	69	GE18LR3/8	**VEGE18LR3/8**	250	250	250	
	18	G3/4A	15	32	38	14.5	16	30	32	32	112	GE18LR3/4	**VEGE18LR3/4**	250	250	250	
	22	G3/4A	18	32	40	16.5	16	33	32	36	103	GE22LR	**VEGE22LR**	160	160	160	100
	22	G1/2A	14	26	38	16.5	14	33	32	36	91	GE22LR1/2	**VEGE22LR1/2**	160	160	160	100
	22	G1A	19	39	43	17.5	18	33.5	41	36	184	GE22LR1/2	**VEGE22LR1/2**	160	160	160	
	28	G1A	23	39	43	17.5	18	34	41	41	168	GE28LR	**VEGE28LR**	160	160	160	100
	28	G1/2A	14	26	39	17.5	14	34	41	41	141	GE28LR1/2	**VEGE28LR1/2**	160	160	160	
	28	G3/4A	18	32	41	17.5	16	34	41	41	156	GE28LR3/4	**VEGE28LR3/4**	160	160	160	
	28	G11/4A	24	50	46	18.3	20	35	50	41	314	GE28LR11/4	**VEGE28LR11/4**	160	160	160	
	35	G11/4A	30	49	48	17.5	20	39	50	50	276	GE35LR	**VEGE35LR**	160	160	160	100
	35	G1/2A	14	26	42	17.5	14	39	46	50	194	GE35LR1/2	**VEGE35LR1/2**	160	160	160	
	35	G3/4A	18	32	44	17.5	16	39	46	50	202	GE35LR3/4	**VEGE35LR3/4**	160	160	160	
	35	G1A	23	39	46	17.5	18	39	46	50	234	GE35LR1	**VEGE35LR1**	160	160	160	
	35	G11/2A	30	55	52	19.5	22	41	55	50	355	GE35LR11/2	**VEGE35LR11/2**	160	160	160	
	42	G11/2A	36	55	52	19	22	42	55	60	349	GE42LR	**VEGE42LR**	160	160	160	100
	42	G1A	23	39	48	19	18	42	55	60	327	GE42LR1	**VEGE42LR1**	160	160	160	
	42	G11/4A	30	49	50	19	20	42	55	60	336	GE42LR11/4	**VEGE42LR11/4**	160	160	160	

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Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

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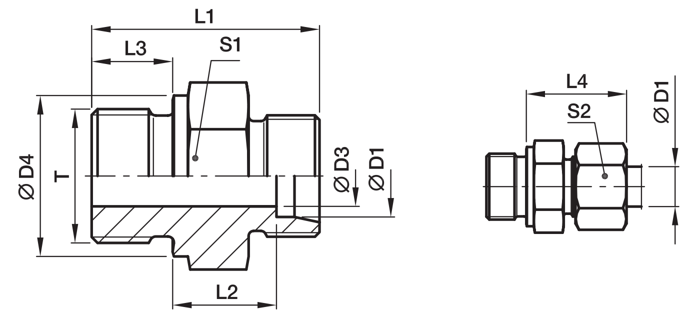
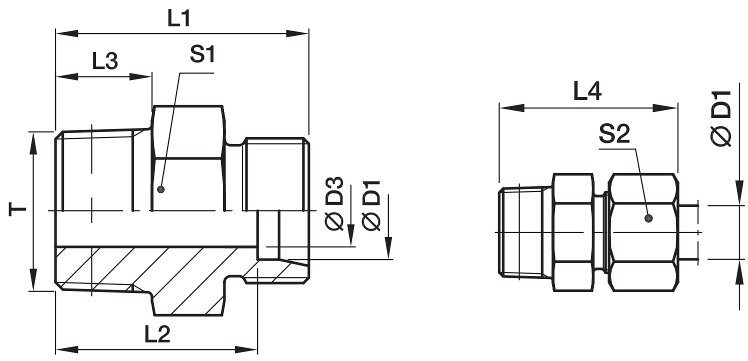


Series	D1	T	D3	D4	L1	L2	L3	L3	L4	S1	S2	Weight g/1 piece	DIN CODE Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71	MS
	06	G1/4A	4	18	32	13	12	12	28	19	17	35	GE06SR	**VEGE06SR**	400	400	400	250
	06	G1/8A	3	14	27.5	12.5	8	8	27	14	17	22	GE06SR1/8	**VEGE06SR1/8**	400	400	400	
	06	G3/8A	4	22	34.5	15.5	12	12	30	22	17	57	GE06SR3/8	**VEGE06SR3/8**	400	400	400	
	06	G1/2A	4	26	39	18	14	14	33	27	17	83	GE06SR1/2	**VEGE06SR1/2**	400	400	400	
	08	G1/4A	5	18	34	15	12	12	30	19	19	41	GE08SR	**VEGE08SR**	400	400	400	250
	08	G3/8A	5	22	34.5	15.5	12	12	30	22	19	59	GE08SR3/8	**VEGE08SR3/8**	400	400	400	
	08	G1/2A	5	26	39	18	14	14	33	27	19	100	GE08SR1/2	**VEGE08SR1/2**	400	400	400	
	10	G3/8A	7	22	34.5	15	12	12	31	22	22	56	GE10SR	**VEGE10SR**	400	400	400	250
	10	G1/4A	5	18	34	14.5	12	12	31	19	22	43	GE10SR1/4	**VEGE10SR1/4**	400	400	400	
	10	G1/2A	7	26	39	17.5	14	14	34	27	22	97	GE10SR1/2	**VEGE10SR1/2**	400	400	400	
	12	G3/8A	8	22	36.5	17	12	12	33	22	24	62	GE12SR	**VEGE12SR**	400	400	400	250
	12	G1/4A	5	18	36	16.5	12	12	33	22	24	57	GE12SR1/4	**VEGE12SR1/4**	400	400	400	
	12	G1/2A	8	26	39	17.5	14	14	34	27	24	57	GE12SR1/2	**VEGE12SR1/2**	400	400	400	
	14	G1/2A	10	26	41	19	14	14	37	27	27	96	GE14SR	**VEGE14SR**	400	400	400	250
S	14	G3/8A	8	22	38.5	18.5	12	12	36	24	27	74	GE14SR3/8	**VEGE14SR3/8**	400	400	400	
	16	G1/2A	12	26	41	18.5	14	14	37	27	30	92	GE16SR	**VEGE16SR**	400	400	400	250
	16	G3/8A	8	22	38.5	18	12	12	36	27	30	83	GE16SR3/8	**VEGE16SR3/8**	400	400	400	
	16	G3/4A	12	32	45	20.5	16	16	39	32	30	157	GE16SR3/4	**VEGE16SR3/4**	400	400	400	
	20	G3/4A	16	32	47	20.5	16	16	42	32	36	151	GE20SR	**VEGE20SR**	400	400	400	250
	20	G1/2A	12	26	45	20.5	14	14	42	32	36	142	GE20SR1/2	**VEGE20SR1/2**	400	400	400	
	20	G1A	16	39	51	22.5	18	18	44	41	36	273	GE20SR1	**VEGE20SR1**	250	250	250	
	20	G11/4A	16	49	53	22.5	20	20	44	50	36	387	GE20SR1 1/4	**VEGE20SR1 1/4**	160	160	160	
	25	G1A	20	39	53	23	18	18	47	41	46	267	GE25SR	**VEGE25SR**	250	250	250	160
	25	G3/4A	16	32	51	23	16	16	47	41	46	245	GE25SR3/4	**VEGE25SR3/4**	250	250	250	
	25	G11/4A	20	49	55	23	20	20	47	50	46	422	GE25SR1 1/4	**VEGE25SR1 1/4**	160	160	160	
	30	G11/4A	25	49	57	23.5	20	20	50	50	50	422	GE30SR	**VEGE30SR**	160	160	160	100
	30	G1A	20	39	55	23.5	18	18	50	46	50	337	GE30SR1	**VEGE30SR1**	160	160	160	
	38	G11/2A	32	55	64	26	22	22	57	55	60	560	GE38SR	**VEGE38SR**	160	160	160	100
	38	G11/4A	25	49	62	26	20	20	57	55	60	578	GE38SR1 1/4	**VEGE38SR1 1/4**	160	160	160	

* S1 - Dimensions may vary according to the forged body

Properties

Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish



Series	D1	BSPT	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN CODE Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71	MS
	04	R1/8tap	3	20	16	8	26	11	10	8	GE04LLR	**VEGE04LLR**	100	100	100	63
	06	R1/8tap	4.5	20	14.5	8	26	11	12	8	GE06LLR	**VEGE06LLR**	100	100	100	63
	08	R1/8tap	6	22	16.5	8	28	12	14	10	GE08LLR	**VEGE08LLR**	100	100	100	63
LL	08	R1/4tap	6	26	20.5	12	32	14	14	18	GE08LLR1/4	**VEGE08LLR1/4**	100	100	100	63
	10	R1/4tap	8	26	20.5	12	32	14	17	15	GE10LLR	**VEGE10LLR**	100	100		63
	12	R1/4tap	8	26	20	12	32	17	19	18	GE12LLR	**VEGE12LLR**	100	100		63
	12	R3/8tap	10	26	20	12	32	17	19	23	GE12LLR3/8	**VEGE12LLR3/8**	100	100		63
	06	R1/8tap	4	22	15	8	30	12	14	11	GE06LR1/8KEG	**VEGE06LR1/8KEG**	315	315	315	
	06	R1/4tap	4	27	20	12	35	17	14	24	GE06LR1/4KEG	**VEGE06LR1/4KEG**	315	315	315	200
	08	R1/8tap	4	23	16	8	31	17	17	15	GE08LR1/8KEG	**VEGE08LR1/8KEG**	315	315	315	200
	08	R1/4tap	6	27	20	12	35	17	17	22	GE08LR1/4KEG	**VEGE08LR1/4KEG**	315	315	315	
	10	R1/4tap	7	28	21	12	36	17	19	24	GE10LR1/4KEG	**VEGE10LR1/4KEG**	315	315	315	
	12	R1/4tap	7	29	22	12	37	19	22	53	GE12LR1/4KEG	**VEGE12LR1/4KEG**	315	315	315	200
	12	R3/8tap	9	29	22	12	37	19	22	33	GE12LR3/8KEG	**VEGE12LR3/8KEG**	315	315	315	
L	12	R1/2tap	10	31	24	14	39	24	22	53	GE12LR1/2KEG	**VEGE12LR1/2KEG**	315	315	315	200
	15	R3/8tap	9	30	23	12	38	24	27	49	GE15LR3/8KEG	**VEGE15LR3/8KEG**	315	315	315	200
	15	R1/2tap	11	32	25	14	40	24	27	59	GE15LR1/2KEG	**VEGE15LR1/2KEG**	315	315	315	
	18	R1/2tap	14	33	25.5	14	42	27	32	64	GE18LR1/2KEG	**VEGE18LR1/2KEG**	315	315	315	
	22	R3/4tap	17	37	29.5	16	46	32	36	99	GE22LR3/4KEG	**VEGE22LR3/4KEG**	160	160	160	
	28	R1tap	23	40	32.5	18	49	41	41	154	GE28LR1KEG	**VEGE28LR1KEG**	160	160	160	
	35	R1 1/4tap	30	45	34.5	20	56	46	50	238	GE35LR11/4KEG	**VEGE35LR11/4KEG**	160	160	160	
	42	R1 1/2tap	36	49	38	22	61	55	60	335	GE42LR11/2KEG	**VEGE42LR11/2KEG**	160	160	160	

* S1 - Dimensions may vary according to the forged body

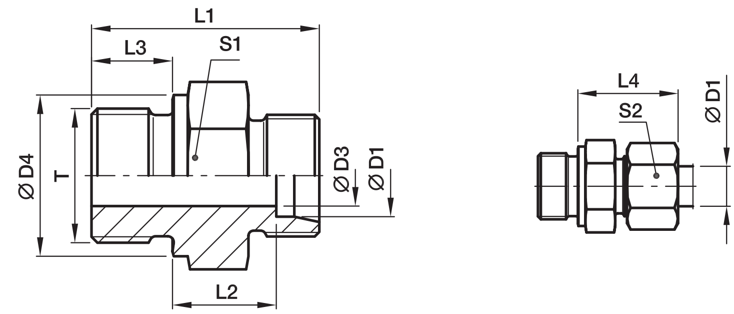
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
	06	M 10x1	4	14	23.5	8.5	8	23	14	14	13	GE06LM	**VEGE06LM**	315	315	315	200
	08	M 12x1.5	6	17	29.0	10.0	12	25	17	17	22	GE08LM	**VEGE08LM**	315	315	315	200
	10	M 14x1.5	7	19	30.0	11.0	12	26	19	19	31	GE10LM	**VEGE10LM**	315	315	315	200
	10	M 10	4	14	25.0	10.5	8	25	17	19	20	GE10LM10x1	**VEGE10LM10x1**	315	315	315	
	10	M 12x1.5	6	17	30.0	11.0	12	26	17	19	25	GE10LM12x1.5	**VEGE10LM12x1.5**	315	315	315	
	10	M 16x1.5	8	21	31.5	12.0	12	27	22	19	41	GE10LM16x1.5	**VEGE10LM16x1.5**	315	315	315	
	10	M 18x1.5	8	23	31.5	12.5	12	27	24	19	50	GE10LM18x1.5	**VEGE10LM18x1.5**	315	315	315	
	10	M 22x1.5	8	27	35.0	14.0	14	29	27	19	72	GE10LM22X1.5	**VEGE10LM22X1.5**	315	315	315	
	12	M 14x1.5	7	19	30.0	11.0	12	26	19	22	30	GE12LM14x1.5	**VEGE12LM14x1.5**	315	315	315	
	12	M 16x1.5	9	21	31.5	12.5	12	27	22	22	40	GE12LMA3C	**VEGE12LMA3C**	315	315	315	
L	12	M 18x1.5	10	23	31.5	12.5	12	27	24	22	47	GE12LM18x1.5	**VEGE12LM18x1.5**	315	315	315	
	12	M 22x1.5	10	27	35.0	14.0	14	29	27	22	76	GE12LM22x1.5	**VEGE12LM22x1.5**	315	315	315	
	15	M 16x1.5	9	21	32.0	13.0	12	28	24	27	50	GE15LM16x1.5	**VEGE15LM16x1.5**	250	250	250	160
	15	M 18x1.5	11	23	32.5	13.5	12	29	24	27	52	GE15LM	**VEGE15LM**	250	250	250	
	15	M 22x1.5	12	27	36.0	15.0	14	30	27	27	77	GE15LM22x1.5	**VEGE15LM22x1.5**	250	250	250	
	18	M 18x1.5	11	23	33.5	14.0	12	30	27	32	68	GE18LM18x1.5	**VEGE18LM18x1.5**	250	250	250	
	18	M 22x1.5	14	27	36.0	14.5	14	31	27	32	77	GE18LM	**VEGE18LM**	250	250	250	160
	22	M 22x1.5	14	27	38.0	16.5	14	33	32	36	92	GE22LM22x1.5	**VEGE22LM22x1.5**	160	160	160	
	22	M 26x1.5	18	31	40.0	16.5	16	33	32	26	102	GE22LM	**VEGE22LM**	160	160	160	100
	28	M 33x2	23	39	43.0	17.5	18	34	41	41	168	GE28LM	**VEGE28LM**	160	160	160	100
	35	M 42x2	30	49	48.0	17.5	20	39	50	50	280	GE35LM	**VEGE35LM**	160	160	160	100
	42	M 48x2	36	55	52.0	19.0	22	42	55	60	354	GE42LM	**VEGE42LM**	160	160	160	100
	06	M 12x1.5	4	17	32.0	13.0	12	28	17	17	30	GE06SM	**VEGE06SM**	400	400	400	250
	08	M 14x1.5	4	19	34.0	15.0	12	30	19	17	42	GE06SM14x1.5	**VEGE06SM14x1.5**	400	400	400	
	08	M 14x1.5	5	19	34.0	15.0	12	30	19	19	43	GE08SM	**VEGE08SM**	400	400	400	250
	10	M 16x1.5	7	21	34.5	15.0	12	31	22	22	54	GE10SM	**VEGE10SM**	400	400	400	250
	12	M 18x1.5	8	23	36.5	17.0	12	33	24	24	72	GE12SM	**VEGE12SM**	400	400	400	250
	12	M 14x1.5	5	19	36.0	16.5	12	33	22	24	60	GE12SM14x1.5	**VEGE12SM14x1.5**	400	400	400	
	12	M 22x1.5	8	27	39.0	17.5	14	34	27	24	103	GE12SM22x1.5	**VEGE12SM22x1.5**	400	400	400	250
S	14	M 20x1.5	10	25	41.0	19.0	14	37	27	27	95	GE14SM	**VEGE14SM**	400	400	400	
	16	M 18x1.5	8	23	38.5	18.0	12	36	27	30	88	GE16SM18x1.5	**VEGE16SM18x1.5**	400	400	400	250
	16	M 22x1.5	12	27	41.0	18.5	14	37	27	30	97	GE16SM	**VEGE16SM**	400	400	400	
	20	M 27x2	16	32	47.0	20.5	16	42	32	36	155	GE20SM	**VEGE20SM**	400	400	400	250
	25	M 33x2	20	39	53.0	23.0	18	47	41	46	268	GE25SM	**VEGE25SM**	250	250	250	160
	30	M 42x2	25	49	57.0	23.5	20	50	50	50	421	GE30SM	**VEGE30SM**	160	160	160	100
	38	M 48x2	32	55	64.0	26.0	22	57	55	60	568	GE38SM	**VEGE38SM**	160	160	160	100

Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
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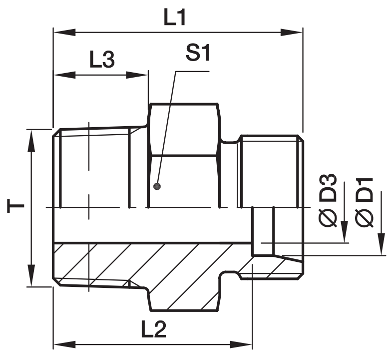

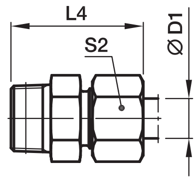

Series	D1	T	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71	MS
LL	04	M6x1tap.	2.0	20	16.0	8	26	9	10	5	GE04LLM6x1KEG	**VEGE04LLM6x1KEG**	100	100		
	04	M8x1tap.	3.0	20	16.0	8	26	10	10	7	GE04LLM	**VEGE04LLM**	100	100	100	63
	06	M10x1tap.	4.5	20	14.5	8	26	11	12	9	GE06LLM	**VEGE06LLM**	100	100	100	63
	06	M8x1tap.	3.5	20	14.5	8	26	11	12	9	GE06LLM8x1KEG	**VEGE06LLM8x1KEG**	100	100		
	08	M10x1tap.	6.0	22	16.5	8	28	12	14	10	GE08LLM	**VEGE08LLM**	100	100	100	63

* S1 - Dimensions may vary according to the forged body

Properties

Design - As per DIN 2353 - ISO 8434 -1

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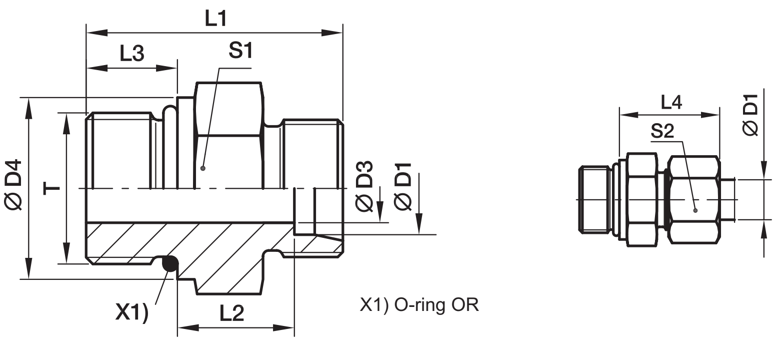

Series	D1	T	D3	D4	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR		
														CF	A3C	71
L	08	7/16-20UNF-2A	5.0	14.4	26	10.0	9.0	25	17	17	21	GE08L7/16UNF	**VEGE08L7/16UNF**	315	315	315
	10	7/16-20UNF-2A	5.0	14.4	27	11.0	10.0	26	17	19	23	GE10L7/16UNF	**VEGE10L7/16UNF**	315	315	315
	12	9/16-18UNF-2A	7.0	17.6	28	11.0	10.0	26	19	22	32	GE12L9/16UNF	**VEGE12L9/16UNF**	315	315	315
	12	3/4-16UNF-2A	10.0	22.3	31	13.0	11.0	28	24	22	52	GE12L3/4UNF	**VEGE12L3/4UNF**	315	315	315
	12	7/8-14UNF-2A	10.0	25.5	34	14.3	12.7	29	27	22	77	GE12L7/8UNF	**VEGE12L7/8UNF**	315	315	315
	15	3/4-16UNF-2A	11.0	22.3	32	14.0	11.0	29	24	27	57	GE15L3/4UNF	**VEGE15L3/4UNF**	315	315	315
	15	7/8-14UNF-2A	12.0	25.5	35	15.3	12.7	30	27	27	81	GE15L7/8UNF	**VEGE15L7/8UNF**	315	315	315
	18	3/4-16UNF-2A	11.0	22.3	33	14.5	11.0	31	27	32	68	GE18L3/4UNF	**VEGE18L3/4UNF**	315	315	315
	18	7/8-14UNF-2A	14.0	25.5	35	14.8	12.7	31	27	32	72	GE18L7/8UNF	**VEGE18L7/8UNF**	315	315	315
	22	7/8-14UNF-2A	14.0	25.5	37	16.8	12.7	33	32	36	94	GE22L7/8UNF	**VEGE22L7/8UNF**	160	160	160
	22	11/16-12UN-2A	18.0	31.9	39	16.5	15.0	33	32	36	103	GE22L11/16UN	**VEGE22L11/16UN**	160	160	160
	22	15/16-12UN-2A	19.0	38.2	40	17.5	15.0	34	41	36	163	GE22L15/16UN	**VEGE22L15/16UN**	160	160	160
	28	11/16-12UN-2A	18.0	31.9	40	17.5	15.0	34	41	41	152	GE28L11/16UN	**VEGE28L11/16UN**	160	160	160
	28	15/16-12UN-2A	23.0	38.2	40	17.5	15.0	34	41	41	163	GE28L15/16UN	**VEGE28L15/16UN**	160	160	160
	35	15/16-12UN-2A	23.0	38.2	43	17.5	15.0	39	46	50	222	GE35L15/16UN	**VEGE35L15/16UN**	160	160	160
	35	15/8-12UN-2A	29.0	47.7	43	17.5	15.0	39	50	50	257	GE35L15/8UN	**VEGE35L15/8UN**	160	160	160
	35	15/8-12UN-2A	29.0	47.7	45	19.0	15.0	42	55	60	339	GE42L15/8UN	**VEGE42L15/8UN**	160	160	160
S	08	7/16-20UNF-2A	4.0	16.0	31	15.0	9.0	30	17	19	33	GE06S7/16UNF	**VEGE06S7/16UNF**	630	630	630
	10	9/16-18UNF-2A	6.0	17.6	32	14.5	10.0	31	19	22	42	GE10S9/16UNF	**VEGE10S9/16UNF**	630	630	630
	12	9/16-18UNF-2A	6.0	17.6	32	14.5	10.0	31	22	24	50	GE12S9/16UNF	**VEGE12S9/16UNF**	630	630	630
	12	3/4-16UNF-2A	8.0	22.3	36	17.5	11.0	34	24	24	73	GE12S3/4UNF	**VEGE12S3/4UNF**	630	630	630
	16	3/4-16UNF-2A	10.5	22.3	35	15.5	11.0	34	24	30	90	GE16S3/4UNF	**VEGE16S3/4UNF**	400	400	400
	16	7/8-14UNF-2A	12.0	25.5	40	18.8	12.7	37	27	30	95	GE16S7/8UNF	**VEGE16S7/8UNF**	400	400	400
	20	3/4-16UNF-2A	10.0	22.3	42	20.5	11.0	42	32	36	132	GE20S3/4UNF	**VEGE20S3/4UNF**	400	400	400
	20	7/8-14UNF-2A	12.0	25.5	44	20.8	12.7	42	32	36	141	GE20S7/8UNF	**VEGE20S7/8UNF**	400	400	400
	20	11/16-12UN-2A	16.0	31.9	46	20.5	15.0	42	32	36	163	GE20S11/16UN	**VEGE20S11/16UN**	400	400	400
	25	11/16-12UN-2A	16.0	31.9	50	23.0	15.0	47	36	46	206	GE25S11/16UN	**VEGE25S11/16UN**	400	400	400
	25	15/16-12UN-2A	20.0	38.2	50	23.0	15.0	47	41	46	258	GE25S15/16UN	**VEGE25S15/16UN**	400	400	400
	30	15/16-12UN-2A	20.0	38.2	52	23.5	15.0	50	46	50	327	GE30S15/16UN	**VEGE30S15/16UN**	400	400	400
	30	15/8-12UN-2A	24.0	47.7	52	23.5	15.0	50	50	50	422	GE30S15/8UN	**VEGE30S15/8UN**	400	400	400
	38	15/8-12UN-2A	24.0	47.7	57	26.0	15.0	57	55	60	554	GE25S15/8UN	**VEGE25S15/8UN**	315	315	315

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Properties

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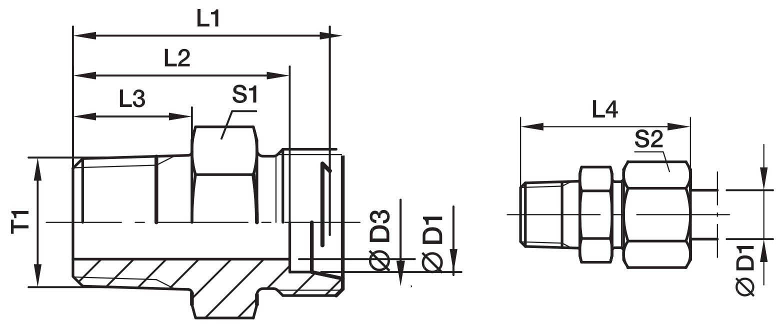


SERIES	D1	T1	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN CODE Order Code	**VELOCK Order Code**	W.P. = IN BAR			
													CF	A3C	71	MS
	6	1/8-27NPT	4	28	21	10	36	14	17	21	GE06S1/8NPT	**VEGE06S1/8NPT**	630	630	630	
	6	1/4-18NPT	4	35	28	14.5	43	17	17	37	GE06S1/4NPT	**VEGE06S1/4NPT**	630	630	630	400
	6	3/8-18NPT	4	33	26	14.5	41	19	17	40	GE06S3/8NPT	**VEGE06S3/8NPT**	630	630	630	
	6	1/2-14NPT	4	42	35	19.5	50	22	17	71	GE06S1/2NPT	**VEGE06S1/2NPT**	630	630	630	
	8	1/4-18NPT	5	35	28	14.5	43	17	19	38	GE08S1/4NPT	**VEGE08S1/4NPT**	630	630	630	400
	8	3/8-18NPT	5	35	28	14.5	43	19	19	46	GE08S3/8NPT	**VEGE08S3/8NPT**	630	630	630	
	8	1/2-14NPT	5	42	35	19.5	50	22	19	73	GE08S1/2NPT	**VEGE08S1/2NPT**	630	630	630	400
	10	1/4-18NPT	7	35	27.5	14.5	44	19	22	45	GE10S1/4NPT	**VEGE10S1/4NPT**	630	630	630	
	10	3/8-18NPT	7	35	27.5	14.5	44	19	22	49	GE10S3/8NPT	**VEGE10S3/8NPT**	630	630	630	400
	10	1/2-14NPT	7	42	34.5	19.5	51	22	22	73	GE10S1/2NPT	**VEGE10S1/2NPT**	630	630	630	400
	10	3/4-14NPT	7	44	36.5	19.5	53	30	22	125	GE10S3/4NPT	**VEGE10S3/4NPT**	630	630	630	
	12	1/4-18NPT	5	37	29.5	14.5	46	22	24	57	GE12S1/4NPT	**VEGE12S1/4NPT**	630	630	630	
	12	3/8-18NPT	8	37	29.5	14.5	46	22	24	62	GE12S3/8NPT	**VEGE12S3/8NPT**	630	630	630	400
	12	1/2-14NPT	8	42	34.5	19.5	51	22	24	83	GE12S1/2NPT	**VEGE12S1/2NPT**	630	630	630	400
	12	3/4-14NPT	8	44	36.5	19.5	53	30	24	126	GE12S3/4NPT	**VEGE12S3/4NPT**	630	630	630	
	14	3/8-18NPT	8	39	31	14.5	49	24	27	77	GE14S3/8NPT	**VEGE14S3/8NPT**	630	630	630	
	14	1/2-14NPT	10	44	36	19.5	54	24	27	89	GE14S1/2NPT	**VEGE14S1/2NPT**	630	630	630	400
S	14	3/4-14NPT	10	46	38	19.5	56	30	27	130	GE14S3/4NPT	**VEGE14S3/4NPT**	630	630	630	
	14	1-11 1/2NPT	10	51	43	24.5	61	36	27	180	GE14S1NPT	**VEGE14S1NPT**	630	630	630	
	16	3/8-18NPT	8	39	30.5	14.5	49	27	30	84	GE16S3/8NPT	**VEGE16S3/8NPT**	400	400	400	
	16	1/2-14NPT	12	48	39.5	19.5	58	32	30	97	GE16S1/2NPT	**VEGE16S1/2NPT**	400	400	400	250
	16	3/4-14NPT	12	46	37.5	19.5	56	30	30	130	GE16S3/4NPT	**VEGE16S3/4NPT**	400	400	400	
	16	1-11 1/2NPT	12	51	42.5	24.5	61	36	30	178	GE16S1NPT	**VEGE16S1NPT**	400	400	400	
	20	1/2-14NPT	12	48	37.5	19.5	59	32	36	144	GE12S1/2NPT	**VEGE12S1/2NPT**	400	400	400	
	20	3/4-14NPT	16	48	37.5	19.5	59	32	36	149	GE20S3/4NPT	**VEGE20S3/4NPT**	400	400	400	250
	20	1-11 1/2NPT	16	55	44.5	24.5	66	36	36	243	GE20S1NPT	**VEGE20S1NPT**	400	400	400	
	25	3/4-14NPT	16	52	40	19.5	64	41	46	240	GE25S3/4NPT	**VEGE25S3/4NPT**	400	400	400	
	25	1-11 1/2NPT	16	52	40	24.5	64	41	46	240	GE25S1NPT	**VEGE25S1NPT**	400	400	400	
	25	11/4-11 1/2NPT	20	58	46	25	70	46	46	396	GE25S11/4NPT	**VEGE25S11/4NPT**	400	400	400	
	25	11/2-11 1/2NPT	20	61	49	26	73	50	46	469	GE25S11/2BPT	**VEGE25S11/2BPT**	400	400	400	
	30	3/4-14NPT	16	54	40.5	19.5	67	46	50	307	GE30S3/4NPT	**VEGE30S3/4NPT**	400	400	400	
	30	1-11 1/2NPT	20	59	45.5	24.5	72	46	50	343	GE30S1NPT	**VEGE30S1NPT**	400	400	400	
	30	11/4-11 1/2NPT	25	60	46.5	25	73	46	50	397	GE30S11/4NPT	**VEGE30S11/4NPT**	400	400	400	
	30	11/2-11 1/2NPT	25	60	46.5	26	73	50	50	440	GE30S11/2NPT	**VEGE30S11/2NPT**	400	400	400	
	38	1-11 1/2NPT	22	64	48	24.5	79	55	60	510	GE38S1NPT	**VEGE38S1NPT**	315	315	315	

* S1 - Dimensions may vary according to the forged body

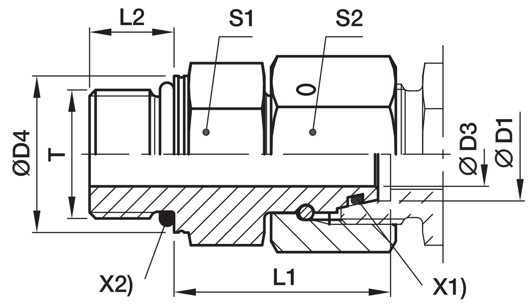
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X2) O-ring OR X1) O-ring OR

Series	D1	T	D3	D4	L1	L2	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR	
												CF	A3C
L	06	M 10x1	2.5	13.8	24.5	8.5	14	14	29	EGEO06LM	**VEEGEO06LM**	500	315
	08	M 12x1.5	4.0	16.8	26.5	11.0	17	17	43	EGEO08LM	**VEEGEO08LM**	500	315
	10	M 14x1.5	6.0	18.8	27.5	11.0	19	19	57	EGEO10LM	**VEEGEO10LM**	500	315
	12	M 16x1.5	8.0	21.8	30.5	11.0	22	22	85	EGEO12LM	**VEEGEO12LM**	400	315
	15	M 18x1.5	10.0	23.8	31.5	12.5	24	27	115	EGEO15LM	**VEEGEO15LM**	400	315
	18	M 22x1.5	13.0	26.8	31.5	13.0	27	32	152	EGEO18LM	**VEEGEO18LM**	400	315
	22	M 27x2	17.0	31.8	32.5	16.0	32	36	207	EGEO22LM27x2	**VEEGEO22LM27x2**	250	160
	25	M 33x2	22.0	40.8	35.0	16.0	41	41	294	EGEO28LM	**VEEGEO28LM**	250	160
	35	M 42x2	28.0	49.8	42.5	16.0	50	50	516	EGEO35LM	**VEEGEO35LM**	250	160
	42	M 48x2	34.0	54.8	46.5	17.5	55	60	718	EGEO42LM	**VEEGEO42LM**	250	160
S	06	M 12x1.5	2.5	16.8	27.0	11.0	17	17	49	EGEO06SM	**VEEGEO06SM**	800	630
	08	M 14x1.5	4.0	18.8	29.5	11.0	19	19	69	EGEO08SM	**VEEGEO08SM**	800	630
	10	M 16x1.5	6.0	21.8	32.0	12.5	22	22	96	EGEO10SM	**VEEGEO10SM**	800	630
	12	M 18x1.5	8.0	23.8	34.0	14.0	24	24	116	EGEO12SM	**VEEGEO12SM**	630	630
	16	M 22x1.5	11.0	26.8	37.0	15.0	27	30	179	EGEO16SM	**VEEGEO16SM**	630	400
	20	M 27x2	14.0	31.8	43.0	18.5	32	36	280	EGEO20SM	**VEEGEO20SM**	420	400
	25	M 33x2	18.0	40.8	48.0	18.5	41	46	502	EGEO25SM	**VEEGEO25SM**	420	400
	30	M 42x2	23.0	49.8	53.0	19.0	50	50	697	EGEO30SM	**VEEGEO30SM**	420	400
	38	M 48x2	30.0	54.8	60.0	21.5	55	60	965	EGEO38SM	**VEEGEO38SM**	420	315

* S1 - Dimensions may vary according to the forged body

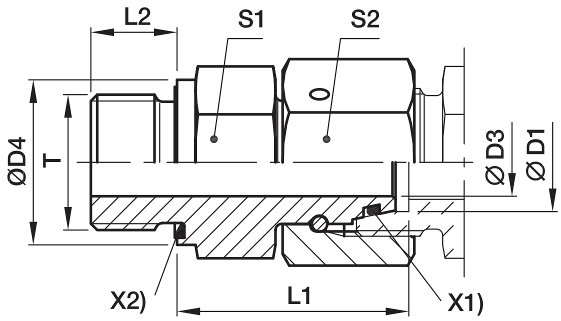
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X2) Eolastic-sealing ED X1) O-ring OR

Series	D1	T	D3	D4	L1	L2	S1	S2	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	2.5	14	24.5	8	14	14	27	EGE06LMED	**VEEGE06LMED**	500	315	315
	08	M 12x1.5	4.0	17	26.5	12	17	17	45	EGE08LMED	**VEEGE08LMED**	500	315	315
	10	M 14x1.5	6.0	19	27.5	12	19	19	57	EGE10LMED	**VEEGE10LMED**	500	315	315
	12	M 16x1.5	8.0	22	30.5	12	22	22	82	EGE12LMED	**VEEGE12LMED**	400	315	315
	12	M 22x1.5	8.0	27	27.0	14	27	22	92	EGE12LM22X1.5ED	**VEEGE12LM22X1.5ED**	400	315	315
	15	M 18x1.5	10.0	24	31.5	12	24	27	113	EGE15LMED	**VEEGE15LMED**	400	315	315
	15	M 22x1.5	10.0	27	32.5	14	27	27	142	EGE15LM22x1.5ED	**VEEGE15LM22x1.5ED**	400	160	160
	18	M 22x1.5	13.0	27	31.5	14	27	32	148	EGE18LMED	**VEEGE18LMED**	400	160	160
	22	M 26x1.5	17.0	32	32.5	16	32	36	203	EGE22LMED	**VEEGE22LMED**	250	160	160
	28	M 33x2	22.0	40	35.0	18	41	41	289	EGE28LMED	**VEEGE28LMED**	250	160	160
	35	M 42x2	28.0	50	42.5	20	50	50	511	EGE35LMED	**VEEGE35LMED**	250	160	160
	42	M 48x2	34.0	55	46.5	22	55	60	711	EGE42LMED	**VEEGE42LMED**	250	160	160
S	06	M 12x1.5	2.5	17	27.5	12	17	17	47	EGE06SMED	**VEEGE06SMED**	800	630	630
	08	M 14x1.5	4.0	19	29.5	12	19	19	65	EGE08SMED	**VEEGE08SMED**	800	630	630
	10	M 16x1.5	6.0	22	32.0	12	22	22	91	EGE10SMED	**VEEGE10SMED**	800	630	630
	12	M 18x1.5	8.0	24	34.0	12	24	24	112	EGE12SMED	**VEEGE12SMED**	630	630	630
	14	M 20x1.5	9.0	26	36.5	14	27	27	153	EGE14SMED	**VEEGE14SMED**	630	630	630
	16	M 22x1.5	11.0	27	37.0	14	27	30	174	EGE16SMED	**VEEGE16SMED**	630	400	400
	20	M 27x2	14.0	32	43.0	16	32	36	274	EGE20SMED	**VEEGE20SMED**	420	400	400
	25	M 33x2	18.0	41	48.0	18	41	46	497	EGE25SMED	**VEEGE25SMED**	420	400	400
	30	M 42x2	23.0	50	51.0	20	50	50	691	EGE30SMED	**VEEGE30SMED**	420	400	400
	38	M 48x2	30.0	55	60.0	22	55	60	957	EGE38SMED	**VEEGE38SMED**	420	315	315

* S1 - Dimensions may vary according to the forged body

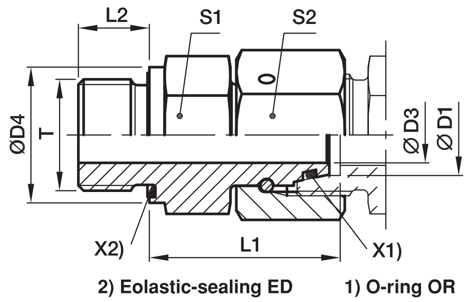
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	L1	L2	S1	S2	Weight g/1 piece	DIN CODE Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	G 1/8 A	2.5	14	24.5	8	14	14	27	EGE06LRED	**VEEGE06LRED**	500	315	315
	08	G 1/4 A	4.0	19	29.5	12	19	17	28	EGE08LRED	**VEEGE08LRED**	500	315	315
	10	G 1/4 A	6.0	19	27.5	12	19	19	54	EGE10LRED	**VEEGE10LRED**	500	315	315
	10	G 3/8 A	6.0	22	29.0	12	22	19	70	EGE10LR3/8ED	**VEEGE10LR3/8ED**	400	315	
	12	G 3/8 A	8.0	22	34.0	12	22	22	95	EGE12LRED	**VEEGE12LRED**	400	315	315
	12	G 1/4 A	6.0	19	27.5	12	19	22	65	EGE12LR1/4ED	**VEEGE12LR1/4ED**	400	315	
	12	G 1/2 A	8.0	27	29.5	14	27	22	114	EGE12LR1/2ED	**VEEGE12LR1/2ED**	400	315	
	15	G 1/2 A	10.0	27	32.0	14	27	27	137	EGE15LRED	**VEEGE15LRED**	400	315	315
	18	G 1/2 A	13.0	27	31.5	14	27	32	143	EGE18LRED	**VEEGE18LRED**	400	315	315
	18	G 3/4 A	13.0	32	29.5	16	32	32	182	EGE18LR3/4ED	**VEEGE18LR3/4ED**	250	160	
	22	G 3/4 A	17.0	32	32.5	16	32	36	200	EGE22LRED	**VEEGE22LRED**	250	160	160
	28	G 1 A	22.0	40	35.0	18	41	41	289	EGE28LRED	**VEEGE28LRED**	250	160	160
	35	G 1 1/4 A	28.0	50	42.5	20	50	50	500	EGE35LRED	**VEEGE35LRED**	250	160	160
	42	G 1 1/2 A	34.0	55	46.5	22	55	60	718	EGE42LRED	**VEEGE42LRED**	250	160	160
S	06	G 1/4 A	2.5	19	27.0	12	19	17	53	EGE06SRED	**VEEGE06SRED**	800	630	630
	08	G 1/4 A	4.0	19	29.5	12	19	19	64	EGE08SRED	**VEEGE08SRED**	800	630	630
	10	G 3/8 A	6.0	22	32.0	12	22	22	93	EGE10SRED	**VEEGE10SRED**	800	630	630
	12	G 3/8 A	8.0	22	34.0	12	22	24	100	EGE12SRED	**VEEGE12SRED**	630	630	630
	12	G 1/4 A	5.0	19	31.5	12	19	24	140	EGE12SR1/4ED	**VEEGE12SR1/4ED**	630	630	
	12	G 1/2 A	8.0	27	35.0	14	27	24	140	EGE12SR1/2ED	**VEEGE12SR1/2ED**	630	630	630
	14	G 1/2 A	9.0	27	36.5	14	27	27	157	EGE14SRED	**VEEGE14SRED**	630	630	630
	16	G 1/2 A	11.0	27	37.0	14	27	30	170	EGE16SRED	**VEEGE16SRED**	630	400	400
	20	G 3/4 A	14.0	32	43.0	16	32	36	273	EGE20SRED	**VEEGE20SRED**	420	400	400
	25	G 1 A	18.0	40	48.0	18	41	46	493	EGE25SRED	**VEEGE25SRED**	420	400	400
	30	G 1 1/4 A	23.0	50	51.0	20	50	50	691	EGE30SRED	**VEEGE30SRED**	420	400	
	38	G 1 1/2 A	30.0	55	60.0	22	55	60	934	EGE38SRED	**VEEGE38SRED**	420	315	315

* S1 - Dimensions may vary according to the forged body

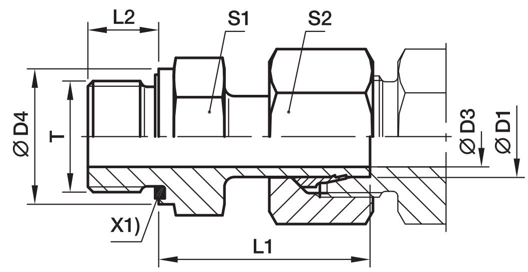
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) Eolastic-sealing ED

Series	D1	T	D3	D4	L1	L2	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	3.5	14	24.5	8	14	14	24	EVGE06LMED	**VEEVGE06LMED**	315	315	315
	08	M 12x1.5	5.5	17	26.5	12	17	17	38	EVGE08LMED	**VEEVGE08LMED**	315	315	315
	10	M 14x1.5	7.0	19	27.5	12	19	19	49	EVGE10LMED	**VEEVGE10LMED**	315	315	315
	12	M 16x1.5	9.0	22	30.0	12	22	22	67	EVGE12LMED	**VEEVGE12LMED**	315	315	315
	15	M 18x1.5	11.0	24	30.5	12	24	27	95	EVGE15LMED	**VEEVGE15LMED**	315	315	315
	18	M 22x1.5	14.0	27	31.5	14	27	32	137	EVGE18LMED	**VEEVGE18LMED**	315	315	315
	22	M 26x1.5	18.0	32	32.5	16	32	36	183	EVGE22LMED	**VEEVGE22LMED**	160	160	160
	28	M 33x2	23.0	40	35.0	18	41	41	264	EVGE28LMED	**VEEVGE28LMED**	160	160	160
	35	M 42x2	29.5	50	42.5	20	50	50	444	EVGE35LMED	**VEEVGE35LMED**	160	160	160
	42	M 48x2	35.5	55	46.5	22	55	60	614	EVGE42LMED	**VEEVGE42LMED**	160	160	160
S	06	M 12x1.5	3.5	17	27.0	12	17	17	43	EVGE06SMED	**VEEVGE06SMED**	630	630	630
	08	M 14x1.5	4.5	19	29.5	12	19	19	59	EVGE08SMED	**VEEVGE08SMED**	630	630	630
	10	M 16x1.5	6.5	22	32.0	12	22	22	82	EVGE10SMED	**VEEVGE10SMED**	630	630	630
	12	M 18x1.5	7.5	24	34.0	12	24	24	104	EVGE12SMED	**VEEVGE12SMED**	630	630	630
	14	M 20x1.5	9.5	26	36.5	14	27	27	144	EVGE14SMED	**VEEVGE14SMED**	630	630	630
	16	M 22x1.5	11.5	27	37.0	14	27	30	162	EVGE16SMED	**VEEVGE16SMED**	400	400	400
	20	M 27x2	15.5	32	43.0	16	32	36	254	EVGE20SMED	**VEEVGE20SMED**	400	400	400
	25	M 33x2	18.0	40	48.0	18	41	46	493	EVGE25SMED	**VEEVGE25SMED**	400	400	400
	30	M 42x2	23.5	50	51.0	20	50	50	654	EVGE30SMED	**VEEVGE30SMED**	400	400	400
	38	M 48x2	29.0	55	60.0	22	55	60	962	EVGE38SMED	**VEEVGE38SMED**	315	315	315

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Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

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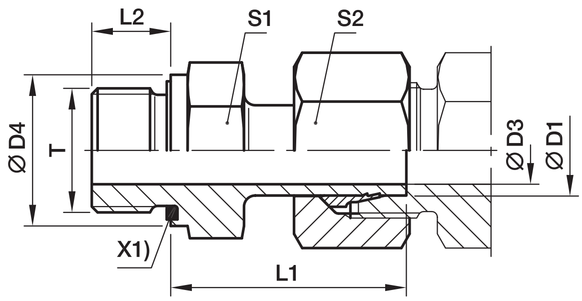


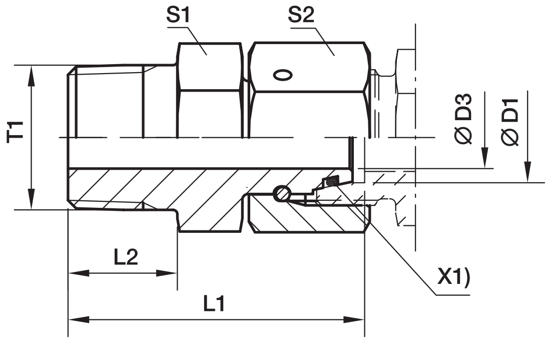
X1) Eolastic-sealing ED

Series	D1	T	D3	D4	L1	L2	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR			
												CF	A3C	71	MS
L	06	G 1/8 A	3.5	14	24.5	8	14	14	24	EVGE06LRED	**VEEVGE06LRED**	315	315	315	200
	08	G 1/4 A	4.5	19	29.5	12	19	17	52	EVGE08LRED	**VEEVGE08LRED**	315	315	315	200
	10	G 1/4 A	7.0	19	27.5	12	19	19	47	EVGE10LRED	**VEEVGE10LRED**	315	315	315	200
	12	G 3/8 A	7.5	22	34.0	12	22	22	87	EVGE12LRED	**VEEVGE12LRED**	315	315	315	200
	12	G 1/4 A	7.0	19	28.5	12	19	22	61	EVGE12LR1/4ED	**VEEVGE12LR1/4ED**	315	315		
	12	G 1/2 A	7.5	27	34.5	14	27	22	121	EVGE12LR1/2ED	**VEEVGE12LR1/2ED**	315	315	315	
	15	G 1/2 A	11.0	27	31.0	14	27	27	114	EVGE15LRED	**VEEVGE15LRED**	315	315	315	200
	18	G 1/2A	14.0	27	31.5	14	27	32	132	EVGE18LRED	**VEEVGE18LRED**	315	315	315	200
	22	G 3/4 A	18.0	32	32.5	16	32	36	183	EVGE22LRED	**VEEVGE22LRED**	160	160	160	100
	28	G 1 A	23.0	40	35.0	18	41	41	262	EVGE28LRED	**VEEVGE28LRED**	160	160	160	
	35	G 1 1/4A	29.5	50	42.5	20	50	50	436	EVGE35LRED	**VEEVGE35LRED**	160	160	160	
	42	G 1 1/2A	35.5	55	46.5	22	55	60	615	EVGE42LRED	**VEEVGE42LRED**	160	160	160	
S	06	G 1/4 A	3.5	19	27.0	12	19	17	48	EVGE06SRED	**VEEVGE06SRED**	630	630	630	
	08	G 1/4 A	4.5	19	29.5	12	19	19	57	EVGE08SRED	**VEEVGE08SRED**	630	630	630	
	10	G 3/8A	6.5	22	32.0	12	22	22	84	EVGE10SRED	**VEEVGE10SRED**	630	630	630	
	12	G 3/8 A	7.5	22	34.0	12	24	24	95	EVGE12SRED	**VEEVGE12SRED**	630	630	630	
	12	G 1 A	7.5	27	34.5	14	24	24	130	EVGE12SR1/2ED	**VEEVGE12SR1/2ED**	630	630	630	
	14	G 1/2 A	9.5	27	36.5	14	27	27	149	EVGE14SRED	**VEEVGE14SRED**	630	630	630	
	14	G 1/2 A	11.5	27	37.0	14	27	30	158	EVGE16SRED	**VEEVGE16SRED**	400	400	400	
	16	G 3/4A	11.5	32	39.0	16	32	30	222	EVGE16SR3/4ED	**VEEVGE16SR3/4ED**	400	400		
	20	G 3/4 A	15.5	32	43.0	16	32	36	254	EVGE20SRED	**VEEVGE20SRED**	400	400	400	
	25	G 1 A	18.0	40	48.0	18	41	46	485	EVGE25SRED	**VEEVGE25SRED**	400	400	400	
	30	G 1 1/4A	23.5	50	51.0	20	50	50	661	EVGE30SRED	**VEEVGE30SRED**	400	400	400	
	38	G 1 1/2A	29.0	55	60.0	22	55	60	962	EVGE38SRED	**VEEVGE38SRED**	315	315	315	

* S1 - Dimensions may vary according to the forged body

Properties

Properties
Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish



X1) O-ring OR

Series	D1	T1	D3	L1	L2	S1	S2	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	W.P. = IN BAR A3C
L	06	1/8-27NPT	2.5	31.5	10.0	11	14	23	EGE06L1/8NPT	**VEEGE06L1/8NPT**	315	315
	08	1/4-18NPT	4.0	37.5	14.5	14	17	41	EGE08L1/4NPT	**VEEGE08L1/4NPT**	315	315
	10	1/4-18NPT	6.0	38.0	14.5	14	19	44	EGE10L1/4NPT	**VEEGE10L1/4NPT**	315	315
	12	3/8-18NPT	8.0	40.0	14.5	19	22	69	EGE12L3/8NPT	**VEEGE12L3/8NPT**	315	315
	15	1/2-14NPT	10.0	49.5	19.5	22	27	127	EGE15L1/2NPT	**VEEGE15L1/2NPT**	315	315
	18	1/2-14NPT	12.0	49.0	19.5	24	32	142	EGE18L1/2NPT	**VEEGE18L1/2NPT**	315	315
	22	3/4-14NPT	16.0	52.0	19.5	27	36	200	EGE22L3/4NPT	**VEEGE22L3/4NPT**	160	160
	28	1-11 1/2NPT	22.0	61.0	24.5	36	41	306	EGE28L1NPT	**VEEGE28L1NPT**	160	160
	35	11/4-11 1/2NPT	28.0	65.5	25.0	46	50	486	EGE35L11/4NPT	**VEEGE35L11/4NPT**	160	160
	42	11/2-11 1/2NPT	34.0	68.5	26.0	50	60	662	EGE42L11/2NPT	**VEEGE42L11/2NPT**	160	160
S	06	1/4-18NPT	2.5	37.5	14.5	14	17	42	EVGE06S1/4NPT	**VEEVGE06S1/4NPT**	630	630
	08	1/4-18NPT	4.0	38.0	14.5	14	19	47	EVGE08S1/4NPT	**VEEVGE08S1/4NPT**	630	630
	10	3/8-18NPT	6.0	40.5	14.5	19	22	75	EVGE10S3/8NPT	**VEEVGE10S3/8NPT**	630	630
	12	3/8-18NPT	8.0	42.0	14.5	19	24	81	EVGE12S3/8NPT	**VEEVGE12S3/8NPT**	630	630
	14	1/2-14NPT	9.0	50.5	19.5	22	27	131	EVGE14S1/2NPT	**VEEVGE14S1/2NPT**	630	630
	16	1/2-14NPT	11.0	51.0	19.5	22	30	145	EVGE16S1/2NPT	**VEEVGE16S1/2NPT**	400	400
	20	3/4-14NPT	14.0	54.0	19.5	27	36	221	EVGE20S3/4NPT	**VEEVGE20S3/4NPT**	400	400
	25	1-11 1/2NPT	18.0	63.5	24.5	36	46	422	EVGE25S1NPT	**VEEVGE25S1NPT**	400	400
	30	11/4-11 1/2NPT	23.0	70.5	25.0	46	50	628	EVGE30S11/4NPT	**VEEVGE30S11/4NPT**	400	400
	38	11/2-11 1/2NPT	30.0	73.5	26.0	50	60	770	EVGE38S11/2NPT	**VEEVGE38S11/2NPT**	315	315

* S1 - Dimensions may vary according to the forged body

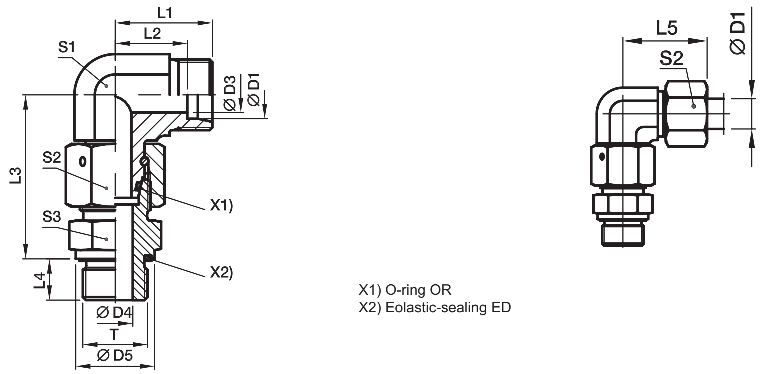
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4	14	19	12.0	34.5	8	27	12	14	14	47	EW06LMED	**VEEW06LMED**	500	315	315
	08	M 12x1.5	6	6	17	21	14.0	37.5	12	29	12	17	17	69	EW08LMED	**VEEW08LMED**	500	315	315
	10	M 14x1.5	8	7	19	22	15.0	40.0	12	30	14	19	19	81	EW10LMED	**VEEW10LMED**	500	315	315
	12	M 16x1.5	10	9	22	24	17.0	42.0	12	32	17	22	22	111	EW12LMED	**VEEW12LMED**	400	315	315
	15	M 18x1.5	12	11	24	28	21.0	46.0	12	36	19	27	24	179	EW15LMED	**VEEW15LMED**	400	315	315
	18	M 22x1.5	15	14	27	31	23.5	50.0	14	40	24	32	27	272	EW18LMED	**VEEW18LMED**	400	315	315
	22	M 26x1.5	19	18	32	35	27.5	55.0	16	44	27	36	32	360	EW22LMED	**VEEW22LMED**	250	160	160
	28	M 33x2	24	23	40	38	30.5	59.0	18	47	32	41	41	538	EW28LMED	**VEEW28LMED**	250	160	160
	35	M 42x2	30	30	50	45	34.5	68.5	20	56	41	50	50	843	EW35LMED	**VEEW35LMED**	250	160	160
	42	M 48x2	36	36	55	51	40.0	75.0	22	63	50	60	55	1353	EW42LMED	**VEEW42LMED**	250	160	160
S	06	M 12x1.5	4	4	17	23	16.0	40.0	12	31	12	17	17	77	EW06SMED	**VEEW06SMED**	800	630	630
	08	M 14x1.5	5	5	19	24	17.0	42.5	12	32	14	19	19	107	EW08SMED	**VEEW08SMED**	800	630	630
	10	M 16x1.5	6	7	22	25	17.5	45.0	12	34	17	22	22	146	EW10SMED	**VEEW10SMED**	800	630	630
	12	M 18x1.5	8	8	24	29	21.5	48.0	12	38	17	24	24	178	EW12SMED	**VEEW12SMED**	630	630	630
	14	M 20x1.5	9	10	26	30	22.0	54.0	14	40	19	27	27	203	EW14SMED	**VEEW14SMED**	630	630	630
	16	M 22x1.5	12	12	27	33	24.5	55.0	14	43	24	30	27	307	EW16SMED	**VEEW16SMED**	630	400	400
	20	M 27x2	16	16	32	37	26.5	65.0	16	48	27	36	32	459	EW20SMED	**VEEW20SMED**	420	400	400
	25	M 33x2	20	20	40	42	30.0	75.0	18	54	32	46	40	812	EW25SMED	**VEEW25SMED**	420	400	400
	30	M 42x2	25	25	50	49	35.5	78.5	20	62	41	50	50	1167	EW30SMED	**VEEW30SMED**	420	400	400
	38	M 48x2	32	32	55	57	41.0	89.0	22	72	50	60	55	1790	EW38SMED	**VEEW38SMED**	420	315	315

* S1 - Dimensions may vary according to the forged body

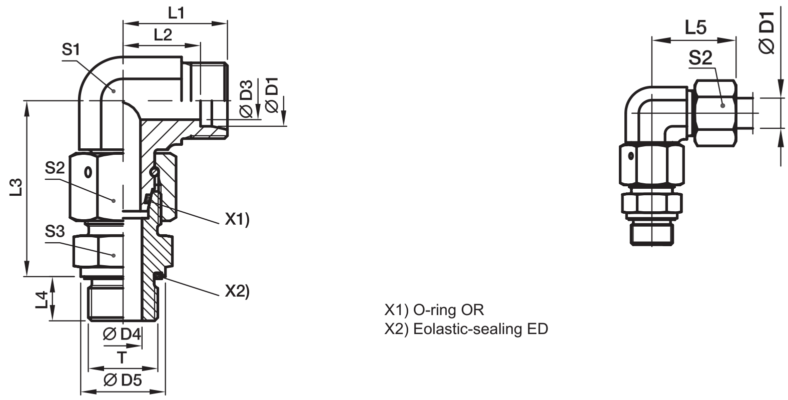
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	G 1/8 A	4	4	14	19	12.0	34.5	8	27	12	14	14	47	EW06LRED	**VEEW06LRED**	500	315	315
	08	G 1/4 A	6	6	19	21	14.0	37.5	12	29	12	17	19	69	EW08LRED	**VEEW08LRED**	500	315	315
	10	G 1/4 A	8	6	19	22	15.0	40.0	12	30	14	19	19	87	EW10LRED	**VEEW10LRED**	500	315	315
	12	G 3/8 A	10	9	22	24	17.0	42.0	12	32	17	22	22	122	EW12LRED	**VEEW12LRED**	400	315	315
	15	G 1/2 A	12	11	27	28	21.0	46.5	14	36	19	27	27	199	EW15LRED	**VEEW15LRED**	400	315	315
	18	G 1/2 A	15	14	27	31	23.5	50.0	14	40	24	32	27	268	EW18LRED	**VEEW18LRED**	400	315	315
	22	G 3/4 A	19	18	32	35	27.5	55.0	16	44	27	36	32	360	EW22LRED	**VEEW22LRED**	250	160	160
	28	G 1 A	24	23	40	38	30.5	59.0	18	47	36	41	41	539	EW28LRED	**VEEW28LRED**	250	160	160
	35	G 1 1/4 A	30	30	50	45	34.5	68.5	20	56	41	50	50	834	EW35LRED	**VEEW35LRED**	250	160	160
	42	G 1 1/2 A	36	36	55	51	40.0	75.0	22	63	50	60	55	1341	EW42LRED	**VEEW42LRED**	250	160	160
S	06	G 1/4 A	4	4	19	23	16.0	40.0	12	31	12	17	19	83	EW06SRED	**VEEW06SRED**	800	630	630
	08	G 1/4 A	5	5	19	24	17.0	42.5	12	32	14	19	19	106	EW08SRED	**VEEW08SRED**	800	630	630
	10	G 3/8A	6	7	22	25	17.5	45.0	12	34	17	22	22	148	EW10SRED	**VEEW10SRED**	800	630	630
	12	G 3/8 A	8	8	22	29	21.5	48.0	12	38	17	24	22	170	EW12SRED	**VEEW12SRED**	630	630	630
	14	G 1/2 A	9	10	27	30	22.0	54.0	14	40	19	27	27	242	EW14SRED	**VEEW14SRED**	630	630	630
	16	G 1/2 A	12	12	27	33	24.5	55.0	14	43	24	30	27	303	EW16SRED	**VEEW16SRED**	630	400	400
	20	G 3/4A	16	16	32	37	26.5	65.0	16	48	27	36	32	458	EW20SRED	**VEEW20SRED**	420	400	400
	25	G 1 A	20	20	40	42	30.0	73.0	18	54	36	46	41	813	EW25SRED	**VEEW25SRED**	420	400	400
	30	G 1 1/4 A	25	25	50	49	35.5	78.5	20	62	41	50	50	1163	EW30SRED	**VEEW30SRED**	420	400	400
	38	G 1 ½ A	32	32	55	57	41.0	89.0	22	72	50	60	55	1784	EW38SRED	**VEEW38SRED**	420	315	315

* S1 - Dimensions may vary according to the forged body

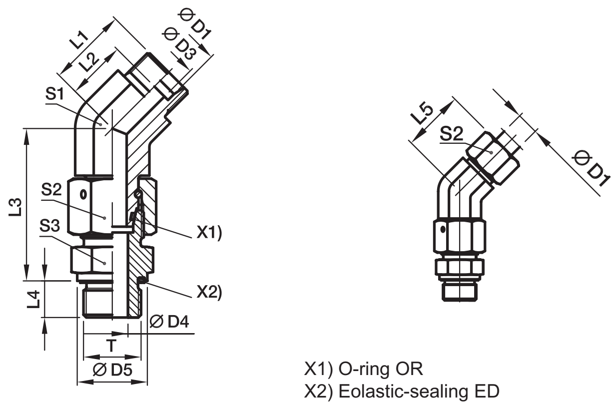
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) O-ring OR
X2) Eolastic-sealing ED

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	M 10 1.0	4	4	14	16.0	9.0	34.5	8	24	14	14	14	44	EV06LMED	**VEEV06LMED**	315	315	315
	08	M 12 1.5	6	6	17	19.0	12.0	37.5	12	27	14	17	17	62	EV08LMED	**VEEV08LMED**	315	315	315
	10	M 14 1.5	8	7	19	19.0	12.0	40.0	12	27	19	19	19	80	EV10LMED	**VEEV10LMED**	315	315	315
	12	M 16 1.5	10	9	22	21.0	14.0	42.0	12	29	19	22	22	110	EV12LMED	**VEEV12LMED**	315	315	315
	15	M 18 1.5	12	11	24	24.0	17.0	46.0	12	32	22	27	24	171	EV15LMED	**VEEV15LMED**	315	315	315
	18	M 22 1.5	15	14	27	24.0	16.5	50.0	14	33	27	32	27	245	EV18LMED	**VEEV18LMED**	315	315	315
	22	M 26 1.5	19	18	32	26.0	18.5	55.0	16	35	30	36	32	339	EV22LMED	**VEEV22LMED**	160	160	160
	28	M 33 2.0	24	23	40	30.5	23.0	59.0	18	40	36	41	41	517	EV28LMED	**VEEV28LMED**	160	160	160
	35	M 42 2.0	30	30	50	37.0	26.5	68.5	20	48	50	50	50	810	EV35LMED	**VEEV35LMED**	160	160	160
	42	M 48 2.0	36	36	55	37.0	26.0	75.0	22	49	50	60	55	1193	EV42LMED	**VEEV42LMED**	160	160	160
S	06	M 12 1.5	4	4	17	16.0	9.0	40.0	12	24	14	17	17	72	EV06SMED	**VEEV06SMED**	630	630	630
	08	M 14 1.5	5	5	19	19.0	12.0	42.5	12	27	19	19	19	102	EV08SMED	**VEEV08SMED**	630	630	630
	10	M 16 1.5	7	7	22	21.0	13.5	45.0	12	30	19	22	22	132	EV10SMED	**VEEV10SMED**	630	630	630
	12	M 18 1.5	8	8	24	24.0	16.5	48.0	12	33	19	24	24	173	EV12SMED	**VEEV12SMED**	630	630	630
	16	M 22 1.5	12	12	27	24.0	15.5	55.0	14	34	19	30	27	284	EV16SMED	**VEEV16SMED**	400	400	400
	20	M 27 2.0	16	16	32	26.5	16.0	65.0	16	38	27	36	32	435	EV20SMED	**VEEV20SMED**	400	400	400
	25	M 33 2.0	20	20	40	30.5	18.5	73.0	18	43	36	46	41	790	EV25SMED	**VEEV25SMED**	400	400	400
	30	M 42 2.0	25	25	50	37.0	23.5	78.5	20	50	50	50	50	1132	EV30SMED	**VEEV30SMED**	400	400	400
	38	M 48 2.0	32	32	55	37.0	21.0	89.0	22	52	50	60	55	1631	EV38SMED	**VEEV38SMED**	315	315	315

* S1 - Dimensions may vary according to the forged body

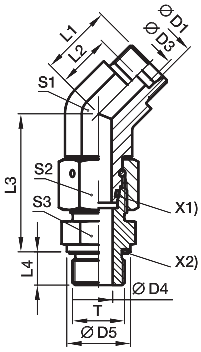
Properties

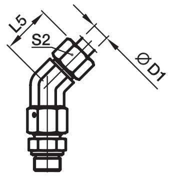
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





X1) O-ring OR
X2) Eolastic-sealing ED

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	G 1/8 A	4	4	14	16.0	9.0	34.5	8	24	14	14	14	44	EV06LRED	**VEEV06LRED**	315	315	315
	08	G 1/4 A	6	6	19	19.0	12.0	37.5	12	27	14	17	19	67	EV08LRED	**VEEV08LRED**	315	315	315
	10	G 1/4 A	8	6	19	19.0	12.0	40.0	12	27	19	19	19	78	EV10LRED	**VEEV10LRED**	315	315	315
	12	G 3/8 A	10	9	22	21.0	14.0	42.0	12	29	19	22	22	112	EV12LRED	**VEEV12LRED**	315	315	315
	15	G 1/2 A	12	11	27	24.0	17.0	46.5	14	32	22	27	27	192	EV15LRED	**VEEV15LRED**	315	315	315
	18	G 1/2 A	15	14	27	24.0	16.5	50.0	14	33	27	32	27	242	EV18LRED	**VEEV18LRED**	315	315	315
	22	G 3/4 A	19	18	32	26.0	18.5	55.0	16	35	30	36	32	338	EV22LRED	**VEEV22LRED**	160	160	160
	28	G 1 A	24	23	40	30.5	23.0	59.0	18	40	36	41	41	518	EV28LRED	**VEEV28LRED**	160	160	160
	35	G 1 1/4 A	30	30	50	37.0	26.5	68.5	20	48	50	50	50	801	EV35LRED	**VEEV35LRED**	160	160	160
	42	G 1 1/2 A	36	36	55	37.0	26.0	75.0	22	49	50	60	55	1181	EV42LRED	**VEEV42LRED**	160	160	160
S	06	G 1/4 A	4	4	19	16.0	9.0	40.0	12	24	14	17	19	78	EV06SRED	**VEEV06SRED**	630	630	630
	08	G 1/4 A	5	5	19	19.0	12.0	42.5	12	27	19	19	19	101	EV08SRED	**VEEV08SRED**	630	630	630
	10	G 3/8 A	7	7	22	21.0	13.5	45.0	12	30	19	22	22	134	EV10SRED	**VEEV10SRED**	630	630	630
	12	G 3/8 A	8	8	22	24.0	16.5	48.0	12	33	19	24	22	165	EV12SRED	**VEEV12SRED**	630	630	630
	16	G 1/2 A	12	12	27	24.0	15.5	55.0	14	34	19	30	27	280	EV16SRED	**VEEV16SRED**	400	400	400
	20	G 3/4 A	16	16	32	26.5	16.0	65.0	16	38	27	36	32	434	EV20SRED	**VEEV20SRED**	400	400	400
	25	G 1 A	20	20	40	30.5	18.5	73.0	18	43	36	46	41	792	EV25SRED	**VEEV25SRED**	400	400	400
	30	G 1 1/4 A	25	25	50	37.0	23.5	78.5	20	50	50	50	50	1128	EV30SRED	**VEEV30SRED**	400	400	400
	38	G 1 1/2 A	32	32	55	37.0	21.0	89.0	22	52	50	60	55	1625	EV38SRED	**VEEV38SRED**	315	315	315

* S1 - Dimensions may vary according to the forged body

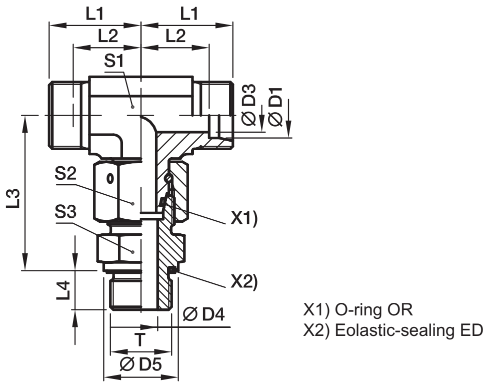
Properties

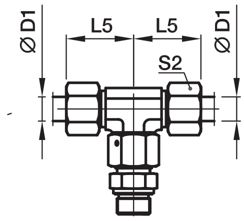
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4	14	19	12.0	34.5	8	27	12	14	14	55	ET06LMED	**VEET06LMED**	500	315	315
	08	M 12x1.5	6	6	17	21	14.0	37.5	12	29	12	17	17	75	ET08LMED	**VEET08LMED**	500	315	315
	10	M 14x1.5	8	7	19	22	15.0	40.0	12	30	14	19	19	98	ET10LMED	**VEET10LMED**	500	315	315
	12	M 16x1.5	10	9	22	24	17.0	42.0	12	32	17	22	22	135	ET12LMED	**VEET12LMED**	400	315	315
	15	M 18x1.5	12	11	24	28	21.0	46.0	12	36	19	27	24	203	ET15LMED	**VEET15LMED**	400	315	315
	18	M 22x1.5	15	14	27	31	23.5	50.0	14	40	24	32	27	310	ET18LMED	**VEET18LMED**	400	315	315
	22	M 26x1.5	19	18	32	35	27.5	55.0	16	44	27	36	32	377	ET22LMED	**VEET22LMED**	250	160	160
	28	M 33x2	24	23	40	38	30.5	59.0	18	47	36	41	41	607	ET28LMED	**VEET28LMED**	250	160	160
	35	M 42x2	30	30	50	45	34.5	68.5	20	56	41	50	50	929	ET35LMED	**VEET35LMED**	250	160	160
	42	M 48x2	36	36	55	51	40.0	75.0	22	63	50	60	55	1478	ET42LMED	**VEET42LMED**	250	160	160
S	06	M 12x1.5	4	4	17	23	16.0	40.0	12	31	12	17	17	92	ET06SMED	**VEET06SMED**	800	630	630
	08	M 14x1.5	5	5	19	24	17.0	42.5	12	32	14	19	19	126	ET08SMED	**VEET08SMED**	800	630	630
	10	M 16x1.5	6	7	22	25	17.5	45.0	12	34	17	22	22	167	ET10SMED	**VEET10SMED**	800	630	630
	12	M 18x1.5	8	8	24	29	21.5	48.0	12	38	17	24	24	207	ET12SMED	**VEET12SMED**	630	630	630
	14	M 20x1.5	9	10	26	30	22.0	54.0	14	40	19	27	27	287	ET14SMED	**VEET14SMED**	630	630	630
	16	M 22x1.5	12	12	27	33	24.5	55.0	14	43	24	30	27	352	ET16SMED	**VEET16SMED**	630	400	400
	20	M 27x2	16	16	32	37	26.5	65.0	16	48	27	36	32	498	ET20SMED	**VEET20SMED**	420	400	400
	25	M 33x2	20	20	40	42	30.0	73.0	18	54	32	46	40	916	ET25SMED	**VEET25SMED**	420	400	400
	30	M 42x2	25	25	50	49	35.5	78.5	20	62	41	50	50	1328	ET30SMED	**VEET30SMED**	420	400	400
	38	M 48x2	32	32	55	57	41.0	89.0	22	72	50	60	55	2031	ET38SMED	**VEET38SMED**	420	315	315

* S1 - Dimensions may vary according to the forged body

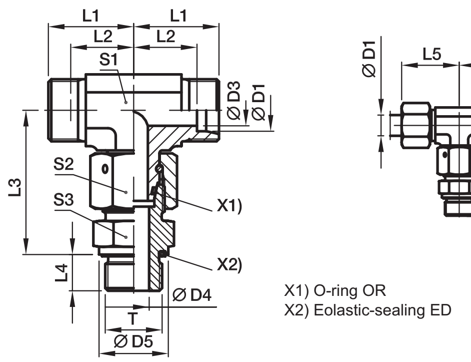
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish

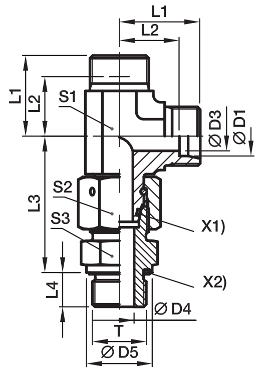


Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	G 1/8 A	4	4	14	19	12.0	34.5	8	27	12	14	14	55	ET06LRED	**VEET06LRED**	500	315	315
	08	G 1/4 A	6	6	19	21	14.0	37.5	12	29	12	17	19	80	ET08LRED	**VEET08LRED**	500	315	315
	10	G 1/4 A	8	6	19	22	15.0	40.0	12	30	14	19	19	98	ET10LRED	**VEET10LRED**	500	315	315
	12	G 3/8 A	10	9	22	24	17.0	42.0	12	32	17	22	22	136	ET12LRED	**VEET12LRED**	400	315	315
	15	G 1/2 A	12	11	27	28	21.0	46.5	14	36	19	27	27	224	ET15LRED	**VEET15LRED**	400	315	315
	18	G 1/2 A	15	14	27	31	23.5	50.0	14	40	24	32	27	306	ET18LRED	**VEET18LRED**	400	315	315
	22	G 3/4 A	19	18	32	35	27.5	55.0	16	44	27	36	32	423	ET22LRED	**VEET22LRED**	250	160	160
	28	G 1 A	24	23	40	38	30.5	59.0	18	47	36	41	41	608	ET28LRED	**VEET28LRED**	250	160	160
	35	G 1 1/4 A	30	30	50	45	34.5	68.5	20	56	41	50	50	920	ET35LRED	**VEET35LRED**	250	160	160
	42	G 1 1/2 A	36	36	55	51	40.0	75.0	22	63	50	60	55	1466	ET42LRED	**VEET42LRED**	250	160	160
S	06	G 1/4 A	4	4	19	23	16.0	40.0	12	31	12	17	19	98	ET06SRED	**VEET06SRED**	800	630	630
	08	G 1/4 A	5	5	19	24	17.0	42.5	12	32	14	19	19	125	ET08SRED	**VEET08SRED**	800	630	630
	10	G 3/8 A	6	7	22	25	17.5	45.0	12	34	17	22	22	169	ET10SRED	**VEET10SRED**	800	630	630
	12	G 3/8 A	8	8	22	29	21.5	48.0	12	38	17	24	22	198	ET12SRED	**VEET12SRED**	630	630	630
	14	G 1/2 A	9	10	27	30	22.0	54.0	14	40	19	27	27	287	ET14SRED	**VEET14SRED**	630	630	630
	16	G 1/2 A	12	12	27	33	24.5	55.0	14	43	24	30	27	348	ET16SRED	**VEET16SRED**	630	400	400
	20	G 3/4 A	16	16	32	37	26.5	65.0	16	48	27	36	32	498	ET20SRED	**VEET20SRED**	420	400	400
	25	G 1 A	20	20	40	42	30.0	73.0	18	54	36	46	41	918	ET25SRED	**VEET25SRED**	420	400	400
	30	G 1 1/4 A	25	25	50	49	35.5	78.5	20	62	41	50	50	1324	ET30SRED	**VEET30SRED**	420	400	400
	38	G 1 1/2 A	32	32	55	57	41.0	89.0	22	72	50	60	55	2025	ET38SRED	**VEET38SRED**	420	315	315

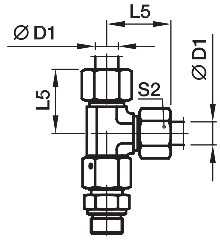
* S1 - Dimensions may vary according to the forged body

Properties

Properties
Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish



X1) O-ring OR
X2) Eolastic-sealing ED



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4	14	19	12.0	34.5	8	27	12	14	14	55	EL06LMED	**VEEL06LMED**	500	315	315
	08	M 12x1.5	6	6	17	21	14.0	37.5	12	29	12	17	17	75	EL08LMED	**VEEL08LMED**	500	315	315
	10	M 14x1.5	8	7	19	22	15.0	40.0	12	30	14	19	19	97	EL10LMED	**VEEL10LMED**	500	315	315
	12	M 16x1.5	10	9	22	24	17.0	42.0	12	32	17	22	22	135	EL12LMED	**VEEL12LMED**	400	315	315
	15	M 18x1.5	12	11	24	28	21.0	46.0	12	36	19	27	24	201	EL15LMED	**VEEL15LMED**	400	315	315
	18	M 22x1.5	15	14	27	31	23.5	50.0	14	40	24	32	27	308	EL18LMED	**VEEL18LMED**	400	315	315
	22	M 26x1.5	19	18	32	35	27.5	55.0	16	44	27	36	32	404	EL22LMED	**VEEL22LMED**	250	160	160
	28	M 33x2	24	23	40	38	30.5	59.0	18	47	36	41	41	605	EL28LMED	**VEEL28LMED**	250	160	160
	35	M 42x2	30	30	50	45	34.5	68.5	20	56	41	50	50	947	EL35LMED	**VEEL35LMED**	250	160	160
	42	M 48x2	36	36	55	51	40.0	75.0	22	63	50	60	55	1497	EL42LMED	**VEEL42LMED**	250	160	160
S	06	M 12x1.5	4	4	17	23	16.0	40.0	12	31	12	17	17	91	EL06SMED	**VEEL06SMED**	800	630	630
	08	M 14x1.5	5	5	19	24	17.0	42.5	12	32	14	19	19	126	EL08SMED	**VEEL08SMED**	800	630	630
	10	M 16x1.5	6	7	22	25	17.5	45.0	12	34	17	22	22	169	EL10SMED	**VEEL10SMED**	800	630	630
	12	M 18x1.5	8	8	24	29	21.5	48.0	12	38	17	24	24	206	EL12SMED	**VEEL12SMED**	630	630	630
	14	M 20x1.5	9	10	26	30	22.0	54.0	14	40	19	27	27	275	EL14SMED	**VEEL14SMED**	630	630	630
	16	M 22x1.5	12	12	27	33	24.5	55.0	14	43	24	30	27	354	EL16SMED	**VEEL16SMED**	630	400	400
	20	M 27x2	16	16	32	37	26.5	65.0	16	48	27	36	32	526	EL20SMED	**VEEL20SMED**	420	400	400
	25	M 33x2	20	20	40	42	30.0	73.0	18	54	32	46	41	919	EL25SMED	**VEEL25SMED**	420	400	400
	30	M 42x2	25	25	50	49	35.5	78.5	20	62	41	50	50	1328	EL30SMED	**VEEL30SMED**	420	400	400
	38	M 48x2	32	32	55	57	41.0	89.0	22	72	50	60	55	2039	EL38SMED	**VEEL38SMED**	420	315	315

* S1 - Dimensions may vary according to the forged body

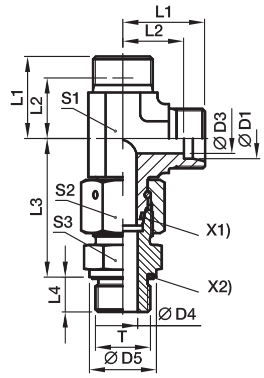
Properties

Design - As per DIN 2353 - ISO 8434 -1

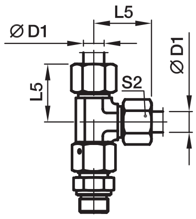
Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) O-ring OR
X2) Eolastic-sealing ED



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	G 1/8 A	4	4	14	19	12.0	34.5	8	27	12	14	14	55	EL06LRED	**VEEL06LRED**	500	315	315
	08	G 1/4 A	6	6	19	21	14.0	37.5	12	29	12	17	19	80	EL08LRED	**VEEL08LRED**	500	315	315
	10	G 1/4 A	8	6	19	22	15.0	40.0	12	30	14	19	19	97	EL10LRED	**VEEL10LRED**	500	315	315
	12	G 3/8 A	10	9	22	24	17.0	42.0	12	32	17	22	22	137	EL12LRED	**VEEL12LRED**	400	315	315
	15	G 1/2 A	12	11	27	28	21.0	46.5	14	36	19	27	27	222	EL15LRED	**VEEL15LRED**	400	315	315
	18	G 1/2 A	15	14	27	31	23.5	50.0	14	40	24	32	27	304	EL18LRED	**VEEL18LRED**	400	315	315
	22	G 3/4 A	19	18	32	35	27.5	55.0	16	44	27	36	32	404	EL22LRED	**VEEL22LRED**	250	160	160
	28	G 1 A	24	23	40	38	30.5	59.0	18	47	36	41	41	606	EL28LRED	**VEEL28LRED**	250	160	160
	35	G 1 1/4 A	30	30	50	45	34.5	68.5	20	56	41	50	50	938	EL35LRED	**VEEL35LRED**	250	160	160
	42	G 1 1/2 A	36	36	55	51	40.0	75.0	22	63	50	60	55	1485	EL42LRED	**VEEL42LRED**	250	160	160
S	06	G 1/4 A	4	4	19	23	16.0	40.0	12	31	12	17	19	97	EL06SRED	**VEEL06SRED**	800	630	630
	08	G 1/4 A	5	5	19	24	17.0	42.5	12	32	14	19	19	125	EL08SRED	**VEEL08SRED**	800	630	630
	10	G 3/8A	6	7	22	25	17.5	45.0	12	34	17	22	22	171	EL10SRED	**VEEL10SRED**	800	630	630
	12	G 3/8 A	8	8	22	29	21.5	48.0	12	38	17	24	22	198	EL12SRED	**VEEL12SRED**	630	630	630
	14	G 1/2 A	9	10	27	30	22.0	54.0	14	40	19	27	27	269	EL14SRED	**VEEL14SRED**	630	630	630
	16	G 1/2 A	12	12	27	33	24.5	55.0	14	43	24	30	27	350	EL16SRED	**VEEL16SRED**	630	400	400
	20	G 3/4A	16	16	32	37	26.5	65.0	16	48	27	36	32	524	EL20SRED	**VEEL20SRED**	420	400	400
	25	G 1 A	20	20	40	42	30.0	73.0	18	54	36	46	41	921	EL25SRED	**VEEL25SRED**	420	400	400
	30	G 1 1/4 A	25	25	50	49	35.5	78.5	20	62	41	50	50	1324	EL30SRED	**VEEL30SRED**	420	400	400
	38	G 1 1/2 A	32	32	55	57	41.0	89.0	22	72	50	60	55	2033	EL38SRED	**VEEL38SRED**	420	315	315

* S1 - Dimensions may vary according to the forged body

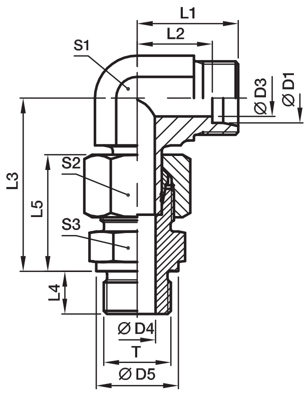
Properties

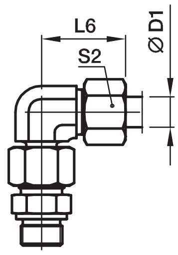
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4	14	19	12.0	34.5	8	23	27	12	14	14	41	EVW06LM	**VEEVW06LM**	315	315	315
	08	M 12x1.5	6	6	17	21	14.0	37.5	12	25	29	12	17	17	63	EVW08LM	**VEEVW08LM**	315	315	315
	10	M 14x1.5	8	7	19	22	15.0	40.0	12	26	30	14	19	19	83	EVW10LM	**VEEVW10LM**	315	315	315
	12	M 16x1.5	10	9	21	24	17.0	42.0	12	27	32	17	22	22	107	EVW12LM	**VEEVW12LM**	315	315	315
	15	M 18x1.5	12	11	23	28	21.0	46.0	12	29	36	19	27	24	170	EVW15LM	**VEEVW15LM**	250	250	250
	18	M 22x1.5	15	14	27	31	23.5	50.0	14	31	40	24	32	27	265	EVW18LM	**VEEVW18LM**	250	250	250
	22	M 26x1.5	19	18	31	35	27.5	55.0	16	33	44	27	36	32	633	EVW22LM	**VEEVW22LM**	160	160	160
	28	M 33x2	24	23	39	38	30.5	59.5	18	34	47	36	41	41	514	EVW28LM	**VEEVW28LM**	160	160	160
	35	M 42x2	30	30	49	45	34.5	68.5	20	39	56	41	50	50	791	EVW35LM	**VEEVW35LM**	160	160	160
	42	M 48x2	36	36	55	51	40.0	79.0	22	42	63	50	60	55	1153	EVW42LM	**VEEVW42LM**	160	160	160
S	06	M 12x1.5	4	4	17	23	16.0	40.0	12	28	31	12	17	17	73	EVW06SM	**VEEVW06SM**	400	400	400
	08	M 14x1.5	5	5	19	24	17.0	42.5	12	30	32	14	19	19	100	EVW08SM	**VEEVW08SM**	400	400	400
	10	M 16x1.5	7	7	21	25	17.5	46.0	12	31	34	17	22	22	133	EVW10SM	**VEEVW10SM**	400	400	400
	12	M 18x1.5	8	8	23	29	21.5	48.0	12	33	38	17	24	24	174	EVW12SM	**VEEVW12SM**	400	400	400
	14	M 20x1.5	10	10	25	30	22.0	54.0	14	37	40	19	27	27	229	EVW14SM	**VEEVW14SM**	400	400	400
	16	M 22x1.5	12	12	27	33	24.5	56.0	14	37	43	24	30	27	309	EVW16SM	**VEEVW16SM**	400	400	400
	20	M 27x2	16	16	32	37	26.5	65.0	16	42	48	27	36	32	429	EVW20SM	**VEEVW20SM**	400	400	400
	25	M 33x2	20	20	39	42	30.0	73.0	18	47	54	32	46	41	826	EVW25SM	**VEEVW25SM**	250	250	250
	30	M 42x2	25	25	49	49	35.5	78.5	20	50	62	41	50	50	1132	EVW30SM	**VEEVW30SM**	160	160	160
	38	M 48x2	32	32	55	57	41.0	92.5	22	57	72	50	60	55	1874	EVW38SM	**VEEVW38SM**	160	160	160

* S1 - Dimensions may vary according to the forged body

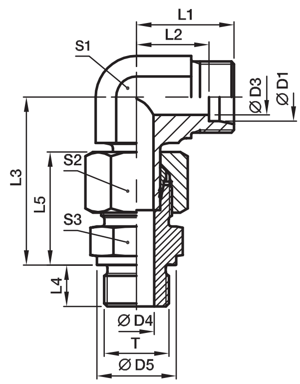
Properties

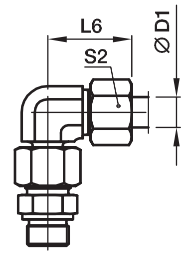
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	G 1/8 A	4	4	14	19	12.0	34.5	8	23	27	12	14	14	47	EVW06LR	**VEEVW06LR**	315	315	315
	08	G 1/4 A	6	6	18	21	14.0	37.5	12	25	29	12	17	19	68	EVW08LR	**VEEVW08LR**	315	315	315
	10	G 1/4 A	8	6	18	22	15.0	40.0	12	26	30	14	19	19	84	EVW10LR	**VEEVW10LR**	315	315	315
	12	G 3/8 A	10	9	22	24	17.0	42.0	12	27	32	17	22	22	118	EVW12LR	**VEEVW12LR**	315	315	315
	15	G 1/2 A	12	11	26	28	21.0	46.5	14	29	36	19	27	27	191	EVW15LR	**VEEVW15LR**	250	250	250
	18	G 1/2 A	15	14	26	31	23.5	50.0	14	31	40	24	32	27	260	EVW18LR	**VEEVW18LR**	250	250	250
	22	G 3/4 A	19	18	32	35	27.5	55.0	16	33	44	27	36	32	355	EVW22LR	**VEEVW22LR**	160	160	160
	28	G 1 A	24	23	39	38	30.5	59.5	18	34	47	36	41	41	542	EVW28LR	**VEEVW28LR**	160	160	160
	35	G 1 1/4 A	30	30	49	45	34.5	68.5	20	39	56	41	50	50	832	EVW35LR	**VEEVW35LR**	160	160	160
	42	G 1 1/2 A	36	36	55	51	40.0	79.0	22	42	63	50	60	55	1303	EVW42LR	**VEEVW42LR**	160	160	160
S	06	G 1/4 A	4	4	18	23	16.0	40.0	12	28	31	12	17	19	79	EVW06SR	**VEEVW06SR**	400	400	400
	08	G 1/4 A	5	5	18	24	17.0	42.5	12	30	32	14	19	19	98	EVW08SR	**VEEVW08SR**	400	400	400
	10	G 3/8A	7	7	22	25	17.5	46.0	12	31	34	17	22	22	148	EVW10SR	**VEEVW10SR**	400	400	400
	12	G 3/8 A	8	8	22	29	21.5	48.0	12	33	38	17	24	22	169	EVW12SR	**VEEVW12SR**	400	400	400
	14	G 1/2 A	10	10	26	30	22.0	54.0	14	37	40	19	27	27	230	EVW14SR	**VEEVW14SR**	400	400	400
	16	G 1/2 A	12	12	26	33	24.5	56.0	14	37	43	24	30	27	304	EVW16SR	**VEEVW16SR**	400	400	400
	20	G 3/4A	16	16	32	37	26.5	65.0	16	42	48	27	36	32	428	EVW20SR	**VEEVW20SR**	400	400	400
	25	G 1 A	20	20	39	42	30.0	73.0	18	47	54	36	46	41	825	EVW25SR	**VEEVW25SR**	250	250	250
	30	G 1 1/4 A	25	25	49	49	35.5	78.5	20	50	62	41	50	50	1134	EVW30SR	**VEEVW30SR**	160	160	160
	38	G 1 1/2 A	32	32	55	57	41.0	89.0	22	57	72	50	60	55	1713	EVW38SR	**VEEVW38SR**	160	160	160

* S1 - Dimensions may vary according to the forged body

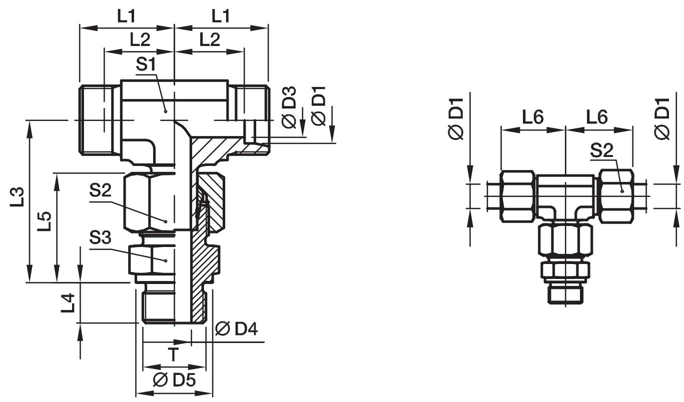
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR		
																		CF	A3C	71
L	06	M 10x1	4	4	14	19	12.0	34.5	8	23	27	12	14	14	48	EVT06LM	**VEEVT06LM**	315	315	315
	08	M 12x1.5	6	6	17	21	14.0	37.5	12	25	29	12	17	17	68	EVT08LM	**VEEVT08LM**	315	315	315
	10	M 14x1.5	8	7	19	22	15.0	40.0	12	26	30	14	19	19	88	EVT10LM	**VEEVT10LM**	315	315	315
	12	M 16x1.5	10	9	21	24	17.0	43.0	12	27	32	17	22	22	116	EVT12LM	**VEEVT12LM**	315	315	315
	15	M 18x1.5	12	11	23	28	21.0	46.0	12	29	36	19	27	24	185	EVT15LM	**VEEVT15LM**	250	250	250
	18	M 22x1.5	15	14	27	31	23.5	50.0	14	31	40	24	32	27	272	EVT18LM	**VEEVT18LM**	250	250	250
	22	M 26x1.5	19	18	31	35	27.5	55.5	16	33	44	27	36	32	367	EVT22LM	**VEEVT22LM**	160	160	160
	28	M 33x2	24	23	39	38	30.5	61.0	18	34	47	36	41	41	565	EVT28LM	**VEEVT28LM**	160	160	160
	35	M 42x2	30	30	49	45	34.5	72.0	20	39	56	41	50	50	905	EVT35LM	**VEEVT35LM**	160	160	160
	42	M 48x2	36	36	55	51	40.0	79.0	22	42	63	50	60	55	1282	EVT42LM	**VEEVT42LM**	160	160	160
S	06	M 12x1.5	4	4	17	23	16.0	40.0	12	28	31	12	17	17	85	EVT06SM	**VEEVT06SM**	400	400	400
	08	M 14x1.5	5	5	19	24	17.0	44.0	12	30	32	14	19	19	118	EVT08SM	**VEEVT08SM**	400	400	400
	10	M 16x1.5	7	7	21	25	17.5	47.0	12	31	34	17	22	22	149	EVT10SM	**VEEVT10SM**	400	400	400
	12	M 18x1.5	8	8	23	29	21.5	50.0	12	33	38	17	24	24	200	EVT12SM	**VEEVT12SM**	400	400	400
	14	M 20x1.5	10	10	25	30	22.0	54.0	14	37	40	19	27	27	264	EVT14SM	**VEEVT14SM**	400	400	400
	16	M 22x1.5	12	12	27	33	24.5	55.0	14	37	43	24	30	27	327	EVT16SM	**VEEVT16SM**	400	400	400
	20	M 27x2	16	16	32	37	26.5	65.0	16	42	48	27	36	32	482	EVT20SM	**VEEVT20SM**	400	400	400
	25	M 33x2	20	20	39	42	30.0	73.5	18	47	54	32	46	41	906	EVT25SM	**VEEVT25SM**	250	250	250
	30	M 42x2	25	25	49	49	35.5	80.0	20	50	62	41	50	50	1274	EVT30SM	**VEEVT30SM**	160	160	160
	38	M 48x2	32	32	55	57	41.0	92.5	22	57	72	50	60	55	1928	EVT38SM	**VEEVT38SM**	160	160	160

* S1 - Dimensions may vary according to the forged body

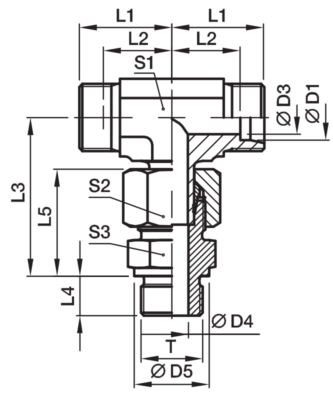
Properties

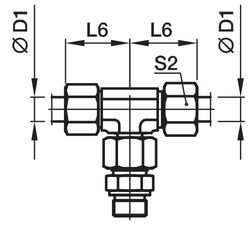
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR		
																		CF	A3C	71
L	06	G 1/8 A	4	4	14	19	12.0	34.5	8	23	27	12	14	14	48	EVT06LR	**VEEVT06LR**	315	315	315
	08	G 1/4 A	6	6	18	21	14.0	37.5	12	25	29	12	17	19	73	EVT08LR	**VEEVT08LR**	315	315	315
	10	G 1/4 A	8	6	18	22	15.0	40.0	12	26	30	14	19	19	85	EVT10LR	**VEEVT10LR**	315	315	315
	12	G 3/8 A	10	9	22	24	17.0	42.0	12	27	32	17	22	22	118	EVT12LR	**VEEVT12LR**	315	315	315
	15	G 1/2 A	12	11	26	28	21.0	46.5	14	29	36	19	27	27	206	EVT15LR	**VEEVT15LR**	250	250	250
	18	G 1/2 A	15	14	26	31	23.5	50.0	14	31	40	24	32	27	267	EVT18LR	**VEEVT18LR**	250	250	250
	22	G 3/4 A	19	18	32	35	27.5	55.5	16	33	44	27	36	32	367	EVT22LR	**VEEVT22LR**	160	160	160
	28	G 1 A	24	23	39	38	30.5	61.0	18	34	47	36	41	41	565	EVT28LR	**VEEVT28LR**	160	160	160
	35	G 1 1/4 A	30	30	49	45	34.5	72.0	20	39	56	41	50	50	901	EVT35LR	**VEEVT35LR**	160	160	160
	42	G 1 1/2 A	36	36	55	51	40.0	79.0	22	42	63	50	60	55	1277	EVT42LR	**VEEVT42LR**	160	160	160
S	06	G 1/4 A	4	4	18	23	16.0	40.0	12	28	31	12	17	19	90	EVT06SR	**VEEVT06SR**	400	400	400
	08	G 1/4 A	5	5	18	24	17.0	47.0	12	30	32	14	19	19	116	EVT08SR	**VEEVT08SR**	400	400	400
	10	G 3/8A	7	7	22	25	17.5	47.0	12	31	34	17	22	22	151	EVT10SR	**VEEVT10SR**	400	400	400
	12	G 3/8 A	8	8	22	29	21.5	50.0	12	33	38	17	24	22	190	EVT12SR	**VEEVT12SR**	400	400	400
	14	G 1/2 A	10	10	26	30	22.0	54.0	14	37	40	19	27	27	265	EVT14SR	**VEEVT14SR**	400	400	400
	16	G 1/2 A	12	12	26	33	24.5	55.0	14	37	43	24	30	27	322	EVT16SR	**VEEVT16SR**	400	400	400
	20	G 3/4A	16	16	32	37	26.5	65.0	16	42	48	27	36	32	500	EVT20SR	**VEEVT20SR**	400	400	400
	25	G 1 A	20	20	39	42	30.0	73.5	18	47	54	36	46	41	905	EVT25SR	**VEEVT25SR**	250	250	250
	30	G 1 1/4 A	25	25	49	49	35.5	80.0	20	50	62	41	50	50	1275	EVT30SR	**VEEVT30SR**	160	160	160
	38	G 1 1/2 A	32	32	55	57	41.0	92.5	22	57	72	50	60	55	1920	EVT38SR	**VEEVT38SR**	160	160	160

* S1 - Dimensions may vary according to the forged body

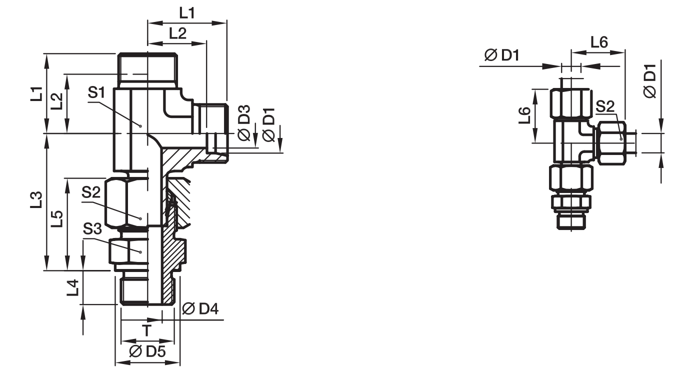
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4	14	19	12.0	34.5	8	23	27	12	14	14	48	EVL06LM	**VEEVL06LM**	315	315	315
	08	M 12x1.5	6	6	17	21	14.0	37.5	12	25	29	12	17	17	73	EVL08LM	**VEEVL08LM**	315	315	315
	10	M 14x1.5	8	7	19	22	15.0	40.0	12	26	30	14	19	19	89	EVL10LM	**VEEVL10LM**	315	315	315
	12	M 16x1.5	10	9	21	24	17.0	43.0	12	27	32	17	22	22	118	EVL12LM	**VEEVL12LM**	315	315	315
	15	M 18x1.5	12	11	23	28	21.0	46.0	12	29	36	19	27	24	186	EVL15LM	**VEEVL15LM**	250	250	250
	18	M 22x1.5	15	14	27	31	23.5	50.0	14	31	40	24	32	27	269	EVL18LM	**VEEVL18LM**	250	250	250
	22	M 26x1.5	19	18	31	35	27.5	55.5	16	33	44	27	36	32	364	EVL22LM	**VEEVL22LM**	160	160	160
	28	M 33x2	24	23	39	38	30.5	61.0	18	34	47	36	41	41	556	EVL28LM	**VEEVL28LM**	160	160	160
	35	M 42x2	30	30	49	45	34.5	72.0	20	39	56	41	50	50	900	EVL35LM	**VEEVL35LM**	160	160	160
	42	M 48x2	36	36	55	51	40.0	79.0	22	42	63	50	60	55	1323	EVL42LM	**VEEVL42LM**	160	160	160
S	06	M 12x1.5	4	4	17	23	16.0	40.0	12	28	31	12	17	17	85	EVL06SM	**VEEVL06SM**	400	400	400
	08	M 14x1.5	5	5	19	24	17.0	44.0	12	30	32	14	19	19	119	EVL08SM	**VEEVL08SM**	400	400	400
	10	M 16x1.5	7	7	21	25	17.5	47.0	12	31	34	17	22	22	151	EVL10SM	**VEEVL10SM**	400	400	400
	12	M 18x1.5	8	8	23	29	21.5	50.0	12	33	38	17	24	24	202	EVL12SM	**VEEVL12SM**	400	400	400
	14	M 20x1.5	10	10	25	30	22.0	54.0	14	37	40	19	27	27	264	EVL14SM	**VEEVL14SM**	400	400	400
	16	M 22x1.5	12	12	27	33	24.5	55.0	14	37	43	24	30	27	326	EVL16SM	**VEEVL16SM**	400	400	400
	20	M 27x2	16	16	32	37	26.5	65.0	16	42	48	27	36	32	481	EVL20SM	**VEEVL20SM**	400	400	400
	25	M 33x2	20	20	39	42	30.0	73.5	18	47	54	32	46	41	904	EVL25SM	**VEEVL25SM**	250	250	250
	30	M 42x2	25	25	49	49	35.5	80.0	20	50	62	41	50	50	1263	EVL30SM	**VEEVL30SM**	160	160	160
	38	M 48x2	32	32	55	57	41.0	92.5	22	57	72	50	60	55	1936	EVL38SM	**VEEVL38SM**	160	160	160

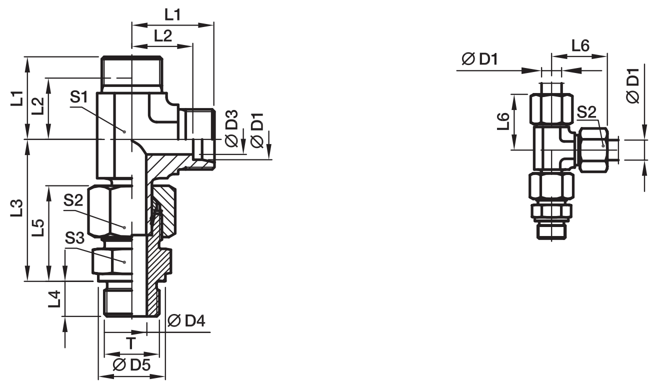
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR		
																		CF	A3C	71
L	06	G 1/8 A	4	4	14	19	12.0	34.5	8	23	27	12	14	14	48	EVL06LR	**VEEVL06LR**	315	315	315
	08	G 1/4 A	6	6	18	21	14.0	37.5	12	25	29	12	17	19	73	EVL08LR	**VEEVL08LR**	315	315	315
	10	G 1/4 A	8	6	18	22	15.0	40.0	12	26	30	14	19	19	87	EVL10LR	**VEEVL10LR**	315	315	315
	12	G 3/8 A	10	9	22	24	17.0	42.0	12	27	32	17	22	22	120	EVL12LR	**VEEVL12LR**	315	315	315
	15	G 1/2 A	12	11	26	28	21.0	46.5	14	29	36	19	27	27	207	EVL15LR	**VEEVL15LR**	250	250	250
	18	G 1/2 A	15	14	26	31	23.5	50.0	14	31	40	24	32	27	264	EVL18LR	**VEEVL18LR**	250	250	250
	22	G 3/4 A	19	18	32	35	27.5	55.5	16	33	44	27	36	32	365	EVL22LR	**VEEVL22LR**	160	160	160
	28	G 1 A	24	23	39	38	30.5	61.0	18	34	47	36	41	41	556	EVL28LR	**VEEVL28LR**	160	160	160
	35	G 1 1/4 A	30	30	49	45	34.5	72.0	20	39	56	41	50	50	895	EVL35LR	**VEEVL35LR**	160	160	160
	42	G 1 1/2 A	36	36	55	51	40.0	79.0	22	42	63	50	60	55	1318	EVL42LR	**VEEVL42LR**	160	160	160
S	06	G 1/4 A	4	4	18	23	16.0	40.0	12	28	31	12	17	19	90	EVL06SR	**VEEVL06SR**	400	400	400
	08	G 1/4 A	5	5	18	24	17.0	47.0	12	30	32	14	19	19	117	EVL08SR	**VEEVL08SR**	400	400	400
	10	G 3/8A	7	7	22	25	17.5	47.0	12	31	34	17	22	22	153	EVL10SR	**VEEVL10SR**	400	400	400
	12	G 3/8 A	8	8	22	29	21.5	50.0	12	33	38	17	24	22	192	EVL12SR	**VEEVL12SR**	400	400	400
	14	G 1/2 A	10	10	26	30	22.0	54.0	14	37	40	19	27	27	266	EVL14SR	**VEEVL14SR**	400	400	400
	16	G 1/2 A	12	12	26	33	24.5	55.0	14	37	43	24	30	27	321	EVL16SR	**VEEVL16SR**	400	400	400
	20	G 3/4A	16	16	32	37	26.5	65.0	16	42	48	27	36	32	480	EVL20SR	**VEEVL20SR**	400	400	400
	25	G 1 A	20	20	39	42	30.0	73.5	18	47	54	36	46	41	903	EVL25SR	**VEEVL25SR**	250	250	250
	30	G 1 1/4 A	25	25	49	49	35.5	80.0	20	50	62	41	50	50	1265	EVL30SR	**VEEVL30SR**	160	160	160
	38	G 1 1/2 A	32	32	55	57	41.0	92.5	22	57	72	50	60	55	1928	EVL38SR	**VEEVL38SR**	160	160	160

* S1 - Dimensions may vary according to the forged body

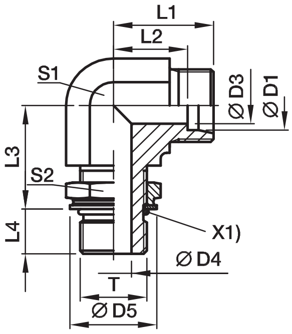
Properties

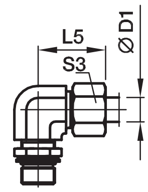
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





X1) O-ring OR

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	W.P. = IN BAR A3C
LL	04	M 8x1	3.0	4.5	13.3	15	11.3	19.8	7.1	21	12	12	10	24	WEE04LLMOR	**VEWEE04LLMOR**	100	100
	04	M 10x1	3.0	6.0	15.3	15	11.3	19.8	7.1	21	11	14	10	29	WEE04LLM10x1OR	**VEWEE04LLM10x1OR**	100	100
	06	M 10x1	4.5	6.0	15.3	15	9.8	19.8	7.1	22	14	14	12	22	WEE06LLMOR	**VEWEE06LLMOR**	100	100
	06	M 12x1.5	4.5	7.0	18.6	18	12.8	23.2	9.6	24	14	17	12	42	WEE06LLM12x105OR	**VEWEE06LLM12x105OR**	100	100
L	06	M 10x1	4.0	4.5	15.0	21	14.0	20.0	7.0	29	14	14	14	40	WEE06LMOR	**VEWEE06LMOR**	315	315
	08	M 12x1.5	6.0	6.0	18.0	23	16.0	22.0	10.0	31	14	17	17	48	WEE08LMOR	**VEWEE08LMOR**	315	315
	10	M 14x1.5	8.0	7.5	20.0	24	17.0	25.0	10.0	32	19	19	19	84	WEE10LMOR	**VEWEE10LMOR**	315	315
	12	M 16x1.5	10.0	9.0	23.0	26	19.0	26.0	10.0	34	19	22	22	92	WEE12LMOR	**VEWEE12LMOR**	315	315
	15	M 18x1.5	12.0	11.0	25.0	28	21.0	30.0	11.0	36	22	24	27	128	WEE15LMOR	**VEWEE15LMOR**	315	315
	18	M 22x1.5	15.0	14.0	28.0	31	24.0	33.0	12.0	40	27	27	32	204	WEE18LMOR	**VEWEE18LMOR**	315	315
	22	M 27x2	19.0	18.0	33.0	35	28.0	35.0	14.0	44	30	32	36	269	WEE22LM27x2OR	**VEWEE22LM27x2OR**	160	160
	28	M 33x2	24.0	23.0	41.0	38	31.0	38.0	14.0	47	36	41	41	420	WEE28LMOR	**VEWEE28LMOR**	160	160
	35	M 42x2	30.0	30.0	51.0	48	38.0	48.0	14.0	59	50	50	50	958	WEE35LMOR	**VEWEE35LMOR**	160	160
	42	M 48x2	36.0	36.0	56.0	49	38.0	49.0	16.0	61	50	55	60	844	WEE42LMOR	**VEWEE42LMOR**	160	160
S	06	M 12x1.5	4.0	4.0	18.0	22	15.0	22.0	10.0	30	14	17	17	55	WEE06SMOR	**VEWEE06SMOR**	400	400
	08	M 14x1.5	5.0	6.0	20.0	24	17.0	26.0	10.0	32	19	19	19	90	WEE08SMOR	**VEWEE08SMOR**	400	400
	10	M 16x1.5	7.0	7.0	23.0	25	18.0	27.0	11.0	34	19	22	22	108	WEE10SMOR	**VEWEE10SMOR**	400	400
	12	M 18x1.5	8.0	9.0	25.0	29	22.0	31.0	12.0	38	22	24	24	154	WEE12SMOR	**VEWEE12SMOR**	400	400
	16	M 22x1.5	12.0	12.0	28.0	33	25.0	35.0	14.0	43	27	27	30	242	WEE16SMOR	**VEWEE16SMOR**	400	400
	20	M 27x2	16.0	15.0	33.0	38	28.0	39.0	16.0	49	30	32	36	354	WEE20SMOR	**VEWEE20SMOR**	400	400
	25	M 33x2	20.0	20.0	41.0	42	30.0	44.0	16.0	54	36	41	46	552	WEE25SMOR	**VEWEE25SMOR**	315	315
	30	M 42x2	25.0	26.0	51.0	49	36.0	51.0	17.0	62	50	50	50	1129	WEE30SMOR	**VEWEE30SMOR**	250	250
	38	M 48x2	32.0	32.0	56.0	50	34.0	54.0	19.0	65	50	55	60	1123	WEE38SMOR	**VEWEE38SMOR**	200	200

* S1 - Dimensions may vary according to the forged body

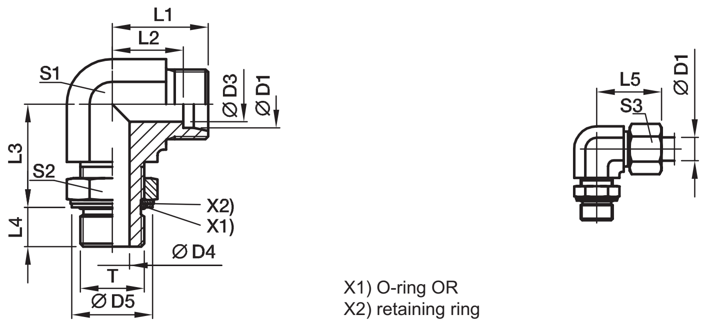
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4.5	15	20	14	20	7	29	14	13	14	39	WEE06LM	**VEWEE06LM**	315	315	315
	08	M 12x1.5	6	6.0	18	22	16	22	10	31	14	17	17	55	WEE08LM	**VEWEE08LM**	315	315	315
	10	M 14x1.5	8	7.5	20	24	17	24	10	32	19	17	19	81	WEE10LM	**VEWEE10LM**	315	315	315
	12	M 16x1.5	10	9.0	23	26	19	25	10	34	19	19	22	92	WEE12LM	**VEWEE12LM**	315	315	315
	15	M 18x1.5	12	11.0	25	28	21	31	11	36	22	22	27	127	WEE15LM	**VEWEE15LM**	315	315	315
	18	M 22x1.5	15	14.0	28	31	24	33	12	40	27	27	32	207	WEE18LM	**VEWEE18LM**	250	250	250
	22	M 26x1.5	19	18.0	33	35	28	36	14	44	30	32	36	273	WEE22LM27x2	**VEWEE22LM27x2**	160	160	160
	28	M 33x2	24	23.0	41	38	31	39	14	47	36	38	41	415	WEE28LM	**VEWEE28LM**	160	160	160
	35	M 42x2	30	30.0	51	48	38	49	14	59	50	50	50	971	WEE35LM	**VEWEE35LM**	160	160	160
	42	M 48x2	36	36.0	56	49	38	50	16	61	50	55	60	914	WEE42LM	**VEWEE42LM**	160	160	160
S	06	M 12x1.5	4	4.0	18	22	15	22	10	30	14	17	17	55	WEE06SM	**VEWEE06SM**	315	315	315
	08	M 14x1.5	5	6.0	20	24	17	26	10	32	19	17	19	87	WEE08SM	**VEWEE08SM**	315	315	315
	10	M 16x1.5	7	7.0	23	25	18	27	11	34	19	19	22	102	WEE10SM	**VEWEE10SM**	315	315	315
	12	M 18x1.5	8	9.0	25	29	22	31	12	38	22	22	24	146	WEE12SM	**VEWEE12SM**	315	315	315
	16	M 20x1.5	12	12.0	28	33	25	36	14	43	27	27	30	238	WEE16SM	**VEWEE16SM**	250	250	250
	20	M 27x2	16	15.0	33	38	28	39	16	49	30	32	36	348	WEE20SM	**VEWEE20SM**	250	250	250
	25	M 33x2	20	20.0	41	42	30	44	16	54	36	38	46	529	WEE25SM	**VEWEE25SM**	160	160	160
	30	M 42x2	25	26.0	51	49	36	51	17	62	50	50	50	1118	WEE30SM	**VEWEE30SM**	160	160	160
	38	M 48x2	32	32.0	56	50	34	54	19	65	50	55	60	1098	WEE38SM	**VEWEE38SM**	160	160	160

* S1 - Dimensions may vary according to the forged body

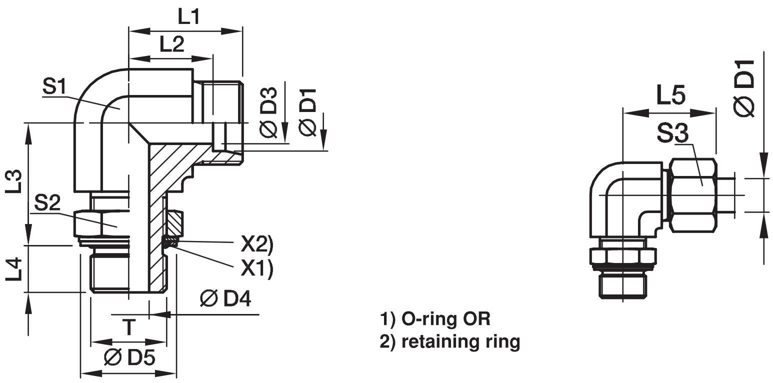
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	D6	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN CODE Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
LL	04	G 1/8A	3.0	4.5	15		15	11.3	20	7.1	21	11	14	10	27	WEE04LLR	**VEVEWEE04LLR**	250	250	
	06	G 1/8A	4.5	4.5	15		15	11.3	20	7.1	21	11	14	12	27	WEE06LLR	**VEVEWEE06LLR**	250	250	
L	06	G 1/8A	4.0	4.5	15	15.0	21	14.0	19	7.0	29	14	14	14	40	WEE06LR	**VEVEWEE06LR**	315	315	315
	08	G 1/4A	6.0	7.5	20	20.0	23	16.0	23	9.0	31	14	19	17	59	WEE08LR	**VEVEWEE08LR**	315	315	315
	10	G 1/4A	8.0	7.5	20	20.0	24	17.0	25	9.0	32	19	19	19	82	WEE10LR	**VEVEWEE10LR**	315	315	315
	12	G 3/8A	10.0	10.0	23	23.5	26	19.0	28	9.0	34	19	22	22	96	WEE12LR	**VEVEWEE12LR**	250	250	250
	15	G 1/2A	12.0	12.5	28	28.5	28	21.0	30	13.0	36	22	27	27	149	WEE15LR	**VEVEWEE15LR**	250	250	250
	18	G 1/2A	15.0	12.5	28	28.5	31	24.0	36	13.0	40	27	27	32	221	WEE18LR	**VEVEWEE18LR**	250	250	250
	22	G 3/4A	19.0	15.5	33	34.5	35	28.0	36	13.0	44	30	36	36	310	WEE22LR	**VEVEWEE22LR**	160	160	160
	28	G 1A	24.0	21.5	41	43.5	38	31.0	44	15.0	47	36	41	41	455	WEE28LR	**VEVEWEE28LR**	160	160	160
	35	G 1 1/4A	30.0	27.5	51	52.5	48	38.0	50	15.0	59	50	50	50	1043	WEE35LR	**VEVEWEE35LR**	160	160	160
	42	G 1 1/2A	36.0	33.0	56	60.0	49	38.0	52	15.0	61	50	55	60	994	WEE42LR	**VEVEWEE42LR**	160	160	160
S	06	G 1/4A	4.0	7.5	20	20.0	22	15.0	23	9.0	30	14	19	17	56	WEE06SR	**VEVEWEE06SR**	315	315	315
	08	G 1/4A	5.0	7.5	20	20.0	24	17.0	27	9.0	32	19	19	19	88	WEE08SR	**VEVEWEE08SR**	315	315	315
	10	G 3/8A	7.0	10.0	23	23.5	25	18.0	29	9.0	34	19	22	22	98	WEE10SR	**VEVEWEE10SR**	250	250	250
	12	G 3/8A	8.0	10.0	23	23.5	29	22.0	29	9.0	38	22	22	24	128	WEE12SR	**VEVEWEE12SR**	250	250	250
	16	G 1/2A	12.0	12.5	28	28.5	33	25.0	36	13.0	43	27	27	30	234	WEE16SR	**VEVEWEE16SR**	250	250	250
	20	G 3/4A	16.0	15.5	33	34.5	38	28.0	39	12.0	49	30	36	36	344	WEE20SR	**VEVEWEE20SR**	250	250	250
	25	G 1A	20.0	21.5	41	43.5	42	30.0	44	14.0	54	36	41	46	533	WEE25SR	**VEVEWEE25SR**	250	250	250
	30	G 1 1/4A	25.0	27.5	51	52.5	49	36.0	49	15.0	62	50	50	50	1085	WEE30SR	**VEVEWEE30SR**	160	160	160
	38	G 1 1/2A	32.0	33.0	56	60.0	50	34.0	55	15.0	65	50	55	60	1116	WEE38SR	**VEVEWEE38SR**	160	160	160

* S1 - Dimensions may vary according to the forged body

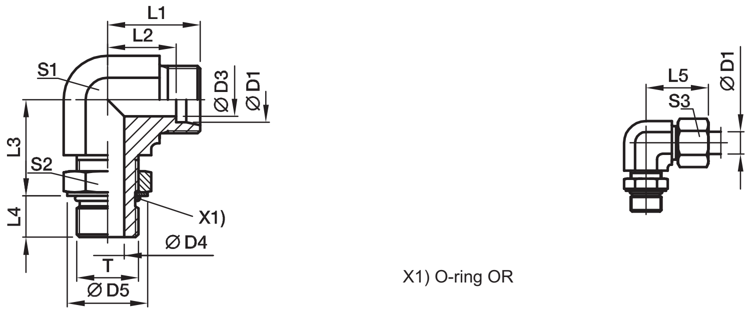
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C
L	06	7/16-20 UNF-2A	4	4.5	16.5	21	14	19	10	29	14	14	14	42	WEE06L7/16UNF	**VEWEE06L7/16UNF**	315	315
	08	7/16-20 UNF-2A	6	4.5	18.3	23	16	19	10	31	14	14	17	45	WEE08L7/16UNF	**VEWEE08L7/16UNF**	315	315
	10	9/16-18 UNF-2A	8	7.5	20.2	24	17	24	10	32	19	17	19	79	WEE10L9/16UNF	**VEWEE10L9/16UNF**	315	315
	12	9/16-18 UNF-2A	10	7.5	25.7	26	19	25	11	34	19	17	22	84	WEE12L9/16UNF	**VEWEE12L9/16UNF**	315	315
	12	3/4-16 UNF-2A	10	10.0	25.7	26	19	25	13	34	19	22	22	102	WEE12L3/4UNF	**VEWEE12L3/4UNF**	315	315
	15	3/4-16 UNF-2A	12	10.0	25.7	28	21	28	13	36	22	22	27	131	WEE15L3/4UNF	**VEWEE15L3/4UNF**	315	315
	15	7/8-14 UNF-2A	12	12.5	29.3	28	21	28	15	36	22	27	27	151	WEE15L7/8UNF	**VEWEE15L7/8UNF**	315	315
	18	7/8-14 UNF-2A	15	12.5	29.3	31	24	32	15	40	27	27	32	223	WEE18L7/8UNF	**VEWEE18L7/8UNF**	315	315
	18	1 1/16-12 UN-2A	15	15.5	29.3	31	24	32	17	40	30	32	32	287	WEE18L11/16UN	**VEWEE18L11/16UN**	315	315
	22	1 1/16-12 UN-2A	19	15.5	36.7	35	28	35	17	44	30	32	36	307	WEE22L11/16UN	**VEWEE22L11/16UN**	160	160
	28	1 5/16-12UN-2A	24	21.5	44.0	38	31	42	17	47	36	41	41	446	WEE28L15/16UN	**VEWEE28L15/16UN**	160	160
	35	1 5/8-12 UN-2A	30	27.5	55.0	48	38	46	17	59	50	50	50	1043	WEE35L15/8UN	**VEWEE35L15/8UN**	160	160
	42	1 7/8-12 UN-2A	36	33.5	55.0	49	38	47	17	61	50	55	60	937	WEE42L17/8UN	**VEWEE42L17/8UN**	160	160
S	06	7/16-20 UNF-2A	4	4.0	16.5	22	15	20	12	30	14	14	17	52	WEE06S7/16UNF	**VEWEE06S7/16UNF**	400	400
	08	9/16-18 UNF-2A	5	6.0	18.3	24	17	25	12	32	19	17	19	92	WEE08S9/16UNF	**VEWEE08S9/16UNF**	400	400
	10	9/16-18 UNF-2A	7	7.0	20.2	25	18	26	12	34	19	17	22	95	WEE10S9/16UNF	**VEWEE10S9/16UNF**	400	400
	12	3/4-16 UNF-2A	8	9.0	25.7	29	22	30	14	38	22	22	24	152	WEE12S3/4UNF	**VEWEE12S3/4UNF**	400	400
	16	7/8-14 UNF-2A	12	12.0	29.3	33	25	34	16	43	27	27	30	243	WEE16S7/8UNF	**VEWEE16S7/8UNF**	400	400
	20	1 1/16-12 UN-2A	16	15.0	36.7	38	28	37	19	49	30	32	36	370	WEE20S11/16UN	**VEWEE20S11/16UN**	400	400
	25	1 1/16-12 UN-2A	20	20.0	44.0	42	30	50	19	54	36	32	46	505	WEE25S11/16UN	**VEWEE25S11/16UN**	400	400
	30	1 5/8-12 UN-2A	25	26.0	55.0	49	36	50	19	62	50	50	50	1105	WEE30S15/8UN	**VEWEE30S15/8UN**	250	250
	38	1 7/8-12 UN-2A	32	32.0	55.0	50	34	51	19	65	50	55	60	1106	WEE38S17/8UN	**VEWEE38S17/8UN**	250	250

* S1 - Dimensions may vary according to the forged body

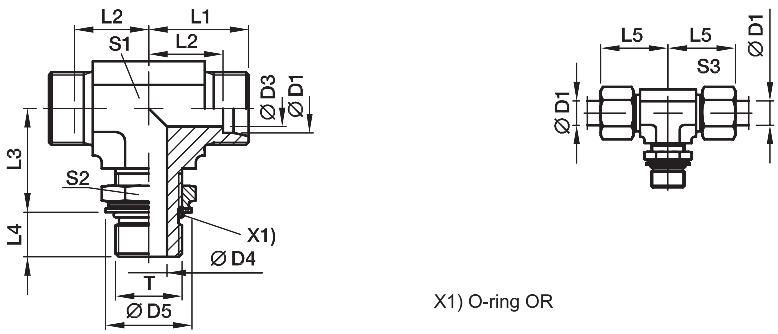
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C
L	06	M 10x1	4	4.5	15	21	14	20	7	29	14	14	14	53	TEE06LMOR	**VETEE06LMOR**	315	315
	08	M 12x1.5	6	6.0	18	23	16	22	10	31	14	17	17	63	TEE08LMOR	**VETEE08LMOR**	315	315
	10	M 14x1.5	8	7.5	20	24	17	25	10	32	19	19	19	111	TEE10LMOR	**VETEE10LMOR**	315	315
	12	M 16x1.5	10	9.0	23	26	19	26	10	34	19	22	22	110	TEE12LMOR	**VETEE12LMOR**	315	315
	15	M 18x1.5	12	11.0	25	28	21	30	11	36	22	24	27	163	TEE15LMOR	**VETEE15LMOR**	315	315
	18	M 22x1.5	15	14.0	28	31	24	33	12	40	27	27	32	272	TEE18LMOR	**VETEE18LMOR**	315	315
	22	M 27x2	19	18.0	33	35	28	35	14	44	30	32	36	315	TEE22LM27x2OR	**VETEE22LM27x2OR**	160	160
	28	M 33x2	24	23.0	41	38	31	38	14	47	36	41	41	477	TEE28LMOR	**VETEE28LMOR**	160	160
	35	M 42x2	30	30.0	51	48	38	48	14	59	50	50	50	477	TEE35LMOR	**VETEE35LMOR**	160	160
	42	M 48x2	36	36.0	56	49	38	49	16	61	50	55	60	950	TEE42LMOR	**VETEE42LMOR**	160	160
S	06	M 12x1.5	4	4.0	18	22	15	22	10	30	14	17	17	72	TEE06SMOR	**VETEE06SMOR**	400	400
	08	M 14x1.5	5	6.0	20	24	17	26	10	32	19	19	19	118	TEE08SMOR	**VETEE08SMOR**	400	400
	10	M 16x1.5	7	7.0	23	25	18	27	11	34	19	22	22	131	TEE10SMOR	**VETEE10SMOR**	400	400
	12	M 18x1.5	8	9.0	25	29	22	31	12	38	22	24	24	192	TEE12SMOR	**VETEE12SMOR**	400	400
	16	M 22x1.5	12	12.0	28	33	25	35	14	43	27	27	30	295	TEE14SMOR	**VETEE14SMOR**	400	400
	20	M 27x2	16	15.0	33	38	28	39	16	49	30	32	36	423	TEE16SMOR	**VETEE16SMOR**	400	400
	25	M 33x2	20	20.0	41	42	30	44	16	54	36	41	46	665	TEE20SMOR	**VETEE20SMOR**	315	315
	30	M 42x2	25	25.0	51	49	36	51	17	62	50	50	50	1347	TEE25SMOR	**VETEE25SMOR**	250	250
	38	M 48x2	32	32.0	56	50	34	54	19	65	50	55	60	1324	TEE30SMOR	**VETEE30SMOR**	200	200

* S1 - Dimensions may vary according to the forged body

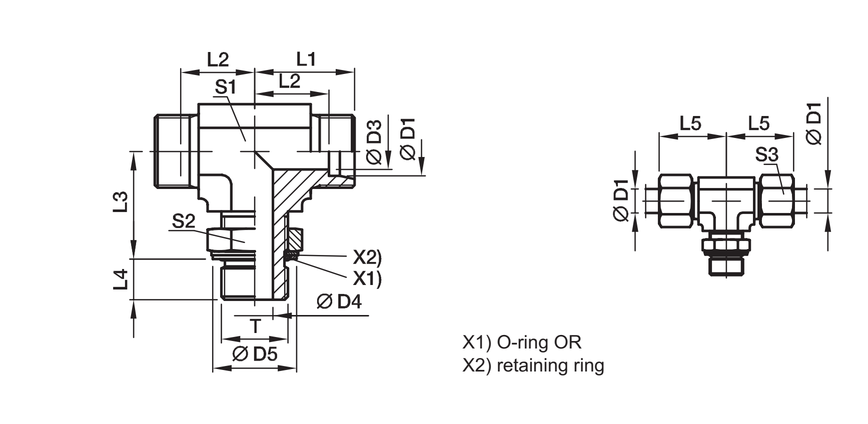
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish

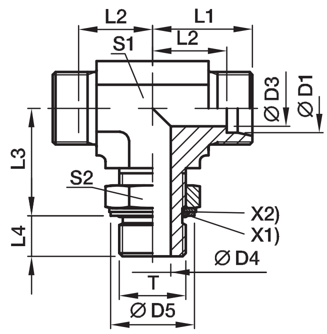


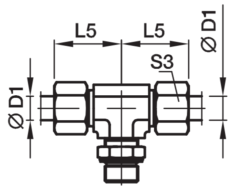
Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4.5	15	21	14	20	7	29	14	13	14	52	TEE06LM	**VETEE06LM**	315	315	315
	08	M 12x1.5	6	6.0	18	23	16	22	10	31	14	17	17	63	TEE08LM	**VETEE08LM**	315	315	315
	10	M 14x1.5	8	7.5	20	24	17	25	9	32	19	17	19	99	TEE10LM	**VETEE10LM**	315	315	315
	12	M 16x1.5	10	9.0	23	26	19	26	9	34	19	19	22	106	TEE12LM	**VETEE12LM**	315	315	315
	15	M 18x1.5	12	11.0	25	28	21	30	11	36	22	22	27	162	TEE15LM	**VETEE15LM**	315	315	315
	18	M 22x1.5	15	14.0	28	31	24	33	11	40	27	27	32	248	TEE18LM	**VETEE18LM**	250	250	250
	22	M 27x2	19	18.0	33	35	28	35	14	44	30	32	36	319	TEE22LM27x2	**VETEE22LM27x2**	160	160	160
	28	M 33x2	24	23.0	41	38	31	38	14	47	36	38	41	472	TEE28LM	**VETEE28LM**	160	160	160
	35	M 42x2	30	30.0	51	48	38	48	14	59	50	50	50	1147	TEE35LM	**VETEE35LM**	160	160	160
	42	M 48x2	36	36.0	56	49	38	49	16	61	50	55	60	1020	TEE42LM	**VETEE42LM**	160	160	160
S	06	M 12x1.5	4	4.0	18	22	15	22	10	30	14	17	17	73	TEE06SM	**VETEE06SM**	315	315	315
	08	M 14x1.5	5	6.0	20	24	17	26	10	32	19	17	19	124	TEE08SM	**VETEE08SM**	315	315	315
	10	M 16x1.5	7	7.0	23	25	18	27	11	34	19	19	22	125	TEE10SM	**VETEE10SM**	315	315	315
	12	M 18x1.5	8	9.0	25	29	22	31	12	38	22	22	24	184	TEE12SM	**VETEE12SM**	315	315	315
	16	M 22x1.5	12	12.0	28	33	25	35	14	43	27	27	30	291	TEE14SM	**VETEE14SM**	250	250	250
	20	M 27x2	16	15.0	33	38	28	39	16	49	30	32	36	418	TEE16SM	**VETEE16SM**	250	250	250
	25	M 33x2	20	20.0	41	42	30	44	16	54	36	38	46	642	TEE20SM	**VETEE20SM**	160	160	160
	30	M 42x2	25	26.0	51	49	36	51	17	62	50	50	50	1335	TEE25SM	**VETEE25SM**	160	160	160
	38	M 48x2	32	32.0	56	50	34	54	19	65	50	55	60	1300	TEE30SM	**VETEE30SM**	160	160	160

* S1 - Dimensions may vary according to the forged body

Properties

Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish





X1) O-ring OR
X2) retaining ring

Series	D1	T	D3	D4	D5[5])	D5[6])	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	W.P. = IN BAR A3C	W.P. = IN BAR 71
L	06	G 1/8 A	4	4.5	15	15.0	21	14	19	7	29	14	14	14	52	TEE06LR	**VETEE06LR**	315	315	315
	08	G 1/4 A	6	7.5	20	20.0	23	16	23	9	31	14	19	17	75	TEE08LR	**VETEE08LR**	315	315	315
	10	G 1/4 A	8	7.5	20	20.0	24	17	25	9	32	19	19	19	107	TEE10LR	**VETEE10LR**	315	315	315
	12	G 3/8 A	10	10.0	23	23.5	26	19	28	9	34	19	22	22	114	TEE12LR	**VETEE12LR**	250	250	250
	15	G 1/2 A	12	12.5	28	28.5	28	21	30	13	36	22	27	27	183	TEE15LR	**VETEE15LR**	250	250	250
	18	G 1/2 A	15	12.5	28	28.5	31	24	36	13	40	27	27	32	271	TEE18LR	**VETEE18LR**	250	250	250
	22	G 3/4 A	19	15.5	33	34.5	35	28	36	13	44	30	36	36	357	TEE22LR	**VETEE22LR**	160	160	160
	28	G 1 A	24	21.5	41	43.5	38	31	44	15	47	36	41	41	545	TEE28LR	**VETEE28LR**	160	160	160
	35	G 1 1/4 A	30	27.5	51	52.5	48	38	50	15	59	50	50	50	1188	TEE35LR	**VETEE35LR**	160	160	160
	42	G 1 1/2 A	36	33.0	56	60.0	49	38	52	15	61	50	50	60	1122	TEE42LR	**VETEE42LR**	160	160	160
S	06	G 1/4 A	4	7.5	20	20.0	22	15	23	9	30	14	19	17	73	TEE06SR	**VETEE06SR**	315	315	315
	08	G 1/4 A	5	7.5	20	20.0	24	17	27	9	32	19	19	19	115	TEE08SR	**VETEE08SR**	315	315	315
	10	G 3/8A	7	10.0	23	23.5	25	18	29	9	34	19	22	22	126	TEE10SR	**VETEE10SR**	250	250	250
	12	G 3/8 A	8	10.0	23	23.5	29	22	29	9	38	22	22	24	171	TEE12SR	**VETEE12SR**	250	250	250
	16	G 1/2 A	12	12.5	28	28.5	33	25	36	13	43	27	27	30	292	TEE16SR	**VETEE16SR**	250	250	250
	20	G 3/4A	16	15.5	33	34.5	38	28	39	12	49	30	36	36	416	TEE20SR	**VETEE20SR**	250	250	250
	25	G 1 A	20	21.5	41	43.5	42	30	44	14	54	36	41	46	644	TEE25SR	**VETEE25SR**	250	250	250
	30	G 1 1/4 A	25	27.5	51	52.5	49	36	49	15	62	50	50	50	1285	TEE30SR	**VETEE30SR**	160	160	160
	38	G 1 1/2 A	32	33.0	56	60.0	50	34	55	15	65	50	55	60	1272	TEE38SR	**VETEE38SR**	160	160	160

* S1 - Dimensions may vary according to the forged body

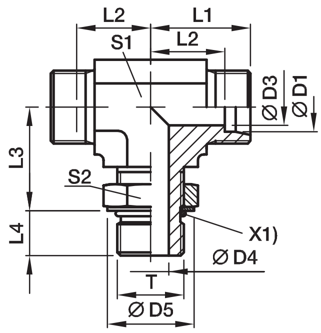
Properties

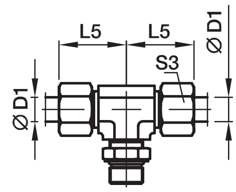
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





X1) O-ring OR

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C
L	06	7/16-20 UNF-2A	4	4.5	16.5	21	14	19	10	29	14	14	14	58	TEE06L7/16UNF	**VETEE06L7/16UNF**	315	315
	08	7/16-20 UNF-2A	6	4.5	18.3	23	16	19	10	31	14	14	17	60	TEE08L7/16UNF	**VETEE08L7/16UNF**	315	315
	10	9/16-18 UNF-2A	8	7.5	20.2	24	17	24	10	32	19	17	19	102	TEE10L9/16UNF	**VETEE10L9/16UNF**	315	315
	12	9/16-18 UNF-2A	10	7.5	25.7	26	19	25	11	34	19	17	22	103	TEE12L9/16UNF	**VETEE12L9/16UNF**	315	315
	12	3/4-16 UNF-2A	10	10.0	25.7	26	19	25	13	34	19	22	22	118	TEE12L3/4UNF	**VETEE12L3/4UNF**	315	315
	15	3/4-16 UNF-2A	12	10.0	25.7	28	21	28	13	36	22	22	27	164	TEE15L3/4UNF	**VETEE15L3/4UNF**	315	315
	15	7/8-14 UNF-2A	12	12.5	29.3	28	21	28	15	36	22	27	27	182	TEE15L7/8UNF	**VETEE15L7/8UNF**	315	315
	18	7/8-14 UNF-2A	15	12.5	29.3	31	24	32	15	40	27	27	32	265	TEE18L7/8UNF	**VETEE18L7/8UNF**	315	315
	18	1 1/16-12 UN-2A	15	15.5	29.3	31	24	32	17	40	30	32	32	348	TEE18L11/16UN	**VETEE18L11/16UN**	315	315
	22	1 1/16-12 UN-2A	19	15.5	36.7	35	28	35	17	44	30	32	36	354	TEE22L11/16UN	**VETEE22L11/16UN**	160	160
	28	1 5/16-12UN-2A	24	21.5	44.0	38	31	42	17	47	36	41	41	625	TEE28L15/16UN	**VETEE28L15/16UN**	160	160
	35	1 5/8-12 UN-2A	30	27.5	55.0	48	38	46	17	59	50	50	50	1245	TEE35L15/8UN	**VETEE35L15/8UN**	160	160
	42	1 7/8-12 UN-2A	36	33.5	55.0	49	38	47	17	61	50	55	60	1538	TEE42L17/8UN	**VETEE42L17/8UN**	160	160
S	06	7/16-20 UNF-2A	4	4.5	16.5	22	15	20	12	30	14	14	17	69	TEE06S7/16UNF	**VETEE06S7/16UNF**	400	400
	08	9/16-18 UNF-2A	5	7.5	18.3	24	17	25	12	32	19	17	19	116	TEE08S9/16UNF	**VETEE08S9/16UNF**	400	400
	10	9/16-18 UNF-2A	7	7.5	20.2	25	18	26	12	34	19	17	22	120	TEE10S9/16UNF	**VETEE10S9/16UNF**	400	400
	12	3/4-16 UNF-2A	8	10.0	25.7	29	22	30	14	38	22	22	24	195	TEE12S3/4UNF	**VETEE12S3/4UNF**	400	400
	16	7/8-14 UNF-2A	12	12.5	29.3	33	25	34	16	43	27	27	30	294	TEE16S7/8UNF	**VETEE16S7/8UNF**	400	400
	20	1 1/16-12 UN-2A	16	15.5	36.7	38	28	37	19	49	30	32	36	441	TEE20S11/16UN	**VETEE20S11/16UN**	400	400
	25	1 1/16-12 UN-2A	20	15.5	44.0	42	30	50	19	54	36	32	46	628	TEE25S11/16UN	**VETEE25S11/16UN**	400	400
	30	1 5/8-12 UN-2A	25	27.5	55.0	49	36	50	19	62	50	50	50	1276	TEE30S15/8UN	**VETEE30S15/8UN**	250	250
	38	1 7/8-12 UN-2A	32	33.5	55.0	50	34	51	19	65	50	55	60	1256	TEE38S17/8UN	**VETEE38S17/8UN**	250	250

* S1 - Dimensions may vary according to the forged body

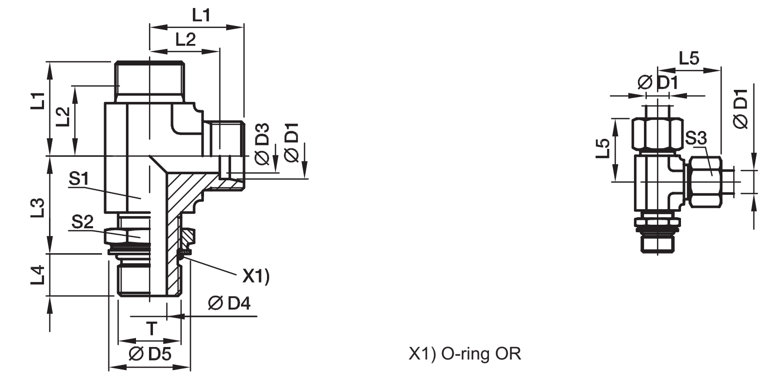
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) O-ring OR

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C
L	06	M 10x1	4	4.5	15	21	14	20	7	29	14	14	14	52	LEE06LMOR	**VELEE06LMOR**	315	315
	08	M 12x1.5	6	6.0	18	23	16	22	10	31	14	17	17	64	LEE08LMOR	**VELEE08LMOR**	315	315
	10	M 14x1.5	8	7.5	20	24	17	25	10	32	19	19	19	100	LEE10LMOR	**VELEE10LMOR**	315	315
	12	M 16x1.5	10	9.0	23	26	19	26	10	34	19	22	22	111	LEE12LMOR	**VELEE12LMOR**	315	315
	15	M 18x1.5	12	11.0	25	28	21	30	11	36	22	24	27	166	LEE15LMOR	**VELEE15LMOR**	315	315
	18	M 22x1.5	15	14.0	28	31	24	33	12	40	27	27	32	251	LEE18LMOR	**VELEE18LMOR**	315	315
	22	M 27x2	19	18.0	33	35	28	35	14	44	30	32	36	334	LEE22LM27x2OR	**VELEE22LM27x2OR**	160	160
	28	M 33x2	24	23.0	41	38	31	38	14	47	36	41	41	458	LEE28LMOR	**VELEE28LMOR**	160	160
	35	M 42x2	30	30.0	51	48	38	48	14	59	50	50	50	1127	LEE35LMOR	**VELEE35LMOR**	160	160
	42	M 48x2	36	36.0	56	49	38	49	16	61	50	55	60	941	LEE42LMOR	**VELEE42LMOR**	160	160
S	06	M 12x1.5	4	4.0	18	22	15	22	10	30	14	17	17	72	LEE06SMOR	**VELEE06SMOR**	400	400
	08	M 14x1.5	5	6.0	20	24	17	26	10	32	19	19	19	117	LEE08SMOR	**VELEE08SMOR**	400	400
	10	M 16x1.5	7	7.0	23	25	18	27	11	34	19	22	22	128	LEE10SMOR	**VELEE10SMOR**	400	400
	12	M 18x1.5	8	9.0	25	29	22	31	12	38	22	24	24	184	LEE12SMOR	**VELEE12SMOR**	400	400
	16	M 22x1.5	12	12.0	28	33	25	35	14	43	27	27	30	300	LEE16SMOR	**VELEE16SMOR**	400	400
	20	M 27x2	16	15.0	33	38	28	35	16	49	30	32	36	433	LEE20SMOR	**VELEE20SMOR**	400	400
	25	M 33x2	20	20.0	41	42	30	44	16	54	36	41	46	644	LEE25SMOR	**VELEE25SMOR**	315	315
	30	M 42x2	25	26.0	51	49	36	51	17	62	50	50	50	1347	LEE30SMOR	**VELEE30SMOR**	250	250
	38	M 48x2	32	32.0	56	50	34	54	19	65	50	55	60	1317	LEE38SMOR	**VELEE38SMOR**	200	200

* S1 - Dimensions may vary according to the forged body

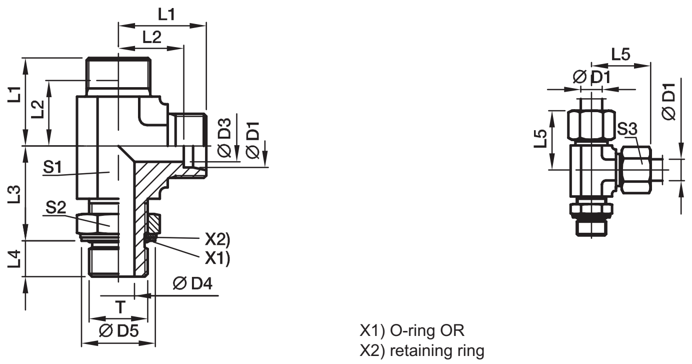
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) O-ring OR
X2) retaining ring

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4.5	15	21	14	20	7	29	14	13	14	52	LEE06LM	**VELEE06LM**	315	315	315
	08	M 12x1.5	6	6.0	18	23	16	22	10	31	14	17	17	65	LEE08LM	**VELEE08LM**	315	315	315
	10	M 14x1.5	8	7.5	20	24	17	25	9	32	19	17	19	98	LEE10LM	**VELEE10LM**	315	315	315
	12	M 16x1.5	10	9.0	23	26	19	26	9	34	19	19	22	107	LEE12LM	**VELEE12LM**	315	315	315
	15	M 18x1.5	12	11.0	25	28	21	30	11	36	22	22	27	165	LEE15LM	**VELEE15LM**	315	315	315
	18	M 22x1.5	15	14.0	28	31	24	33	11	40	27	27	32	254	LEE18LM	**VELEE18LM**	250	250	250
	22	M 27x2	19	18.0	33	35	28	35	14	44	30	32	36	238	LEE22LM27x2	**VELEE22LM27x2**	160	160	160
	28	M 33x2	24	23.0	41	38	31	38	14	47	36	38	41	454	LEE28LM	**VELEE28LM**	160	160	160
	35	M 42x2	30	30.0	51	48	38	48	14	59	50	50	50	1139	LEE35LM	**VELEE35LM**	160	160	160
	42	M 48x2	36	36.0	56	49	38	49	16	61	50	55	60	1011	LEE42LM	**VELEE42LM**	160	160	160
S	06	M 12x1.5	4	4.0	18	22	15	22	10	30	14	17	17	72	LEE06SM	**VELEE06SM**	315	315	315
	08	M 14x1.5	5	6.0	20	24	17	26	10	32	19	17	19	114	LEE08SM	**VELEE08SM**	315	315	315
	10	M 16x1.5	7	7.0	23	25	18	27	11	34	19	19	22	122	LEE10SM	**VELEE10SM**	315	315	315
	12	M 18x1.5	8	9.0	25	29	22	31	12	38	22	22	24	176	LEE12SM	**VELEE12SM**	315	315	315
	16	M 22x1.5	12	12.0	28	33	25	35	14	43	27	27	30	297	LEE16SM	**VELEE16SM**	250	250	250
	20	M 27x2	16	15.0	33	38	28	39	16	49	30	32	36	428	LEE20SM	**VELEE20SM**	250	250	250
	25	M 33x2	20	20.0	41	42	30	44	16	54	36	38	46	621	LEE25SM	**VELEE25SM**	160	160	160
	30	M 42x2	25	26.0	51	49	36	51	17	62	50	50	50	1335	LEE30SM	**VELEE30SM**	160	160	160
	38	M 48x2	32	32.0	56	50	34	54	19	65	50	55	60	1293	LEE38SM	**VELEE38SM**	160	160	160

* S1 - Dimensions may vary according to the forged body

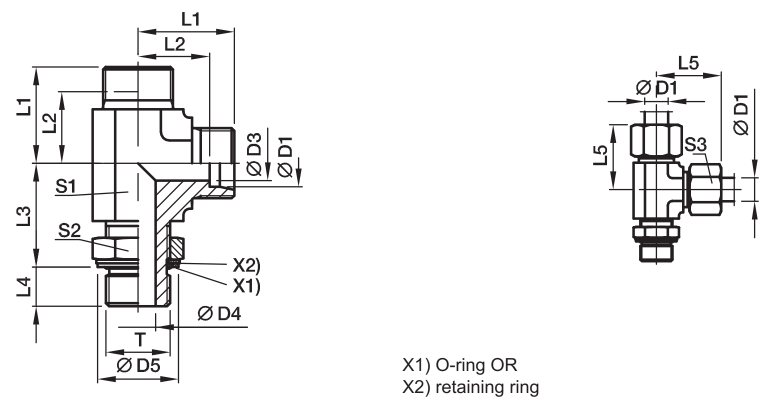
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) O-ring OR
X2) retaining ring

Series	D1	T	D3	D4	D5	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	G 1/8 A	4	4.5	15	15.0	21	14	19	7	29	14	14	14	53	LEE06LR	**VELEE06LR**	315	315	315
	08	G 1/4 A	6	7.5	20	20.0	23	16	23	9	31	14	19	17	68	LEE08LR	**VELEE08LR**	315	315	315
	10	G 1/4 A	8	7.5	20	20.0	24	17	25	9	32	19	19	19	98	LEE10LR	**VELEE10LR**	315	315	315
	12	G 3/8 A	10	10.0	23	23.5	26	19	28	9	34	19	22	22	114	LEE12LR	**VELEE12LR**	250	250	250
	15	G 1/2 A	12	12.5	28	28.5	28	21	30	13	36	22	27	27	183	LEE15LR	**VELEE15LR**	250	250	250
	18	G 1/2 A	15	12.5	28	28.5	31	24	36	13	40	27	27	32	271	LEE18LR	**VELEE18LR**	250	250	250
	22	G 3/4 A	19	15.5	33	34.5	35	28	36	13	44	30	36	36	367	LEE22LR	**VELEE22LR**	160	160	160
	28	G 1 A	24	21.5	41	43.5	38	31	44	15	47	36	41	41	525	LEE28LR	**VELEE28LR**	160	160	160
	35	G 1 1/4 A	30	27.5	51	52.5	48	38	50	15	59	50	50	50	1194	LEE35LR	**VELEE35LR**	160	160	160
	42	G 1 1/2 A	36	33.0	56	60.0	49	38	52	15	61	50	50	60	1090	LEE42LR	**VELEE42LR**	160	160	160
S	06	G 1/4 A	4	7.5	20	20.0	22	15	23	9	30	14	19	17	71	LEE06SR	**VELEE06SR**	315	315	315
	08	G 1/4 A	5	7.5	20	20.0	24	17	27	9	32	19	19	19	113	LEE08SR	**VELEE08SR**	315	315	315
	10	G 3/8A	7	10.0	23	23.5	25	18	29	9	34	19	22	22	124	LEE10SR	**VELEE10SR**	250	250	250
	12	G 3/8 A	8	10.0	23	23.5	29	22	29	9	38	22	22	24	167	LEE12SR	**VELEE12SR**	250	250	250
	16	G 1/2 A	12	12.5	28	28.5	33	25	36	13	43	27	27	30	295	LEE16SR	**VELEE16SR**	250	250	250
	20	G 3/4A	16	15.5	33	34.5	38	28	39	12	49	30	36	36	440	LEE20SR	**VELEE20SR**	250	250	250
	25	G 1 A	20	21.5	41	43.5	42	30	44	14	54	36	41	46	629	LEE25SR	**VELEE25SR**	250	250	250
	30	G 1 1/4 A	25	27.5	51	52.5	49	36	49	15	62	50	50	50	1285	LEE30SR	**VELEE30SR**	160	160	160
	38	G 1 1/2 A	32	33.0	56	60.0	50	34	55	15	65	50	55	60	1272	LEE38SR	**VELEE38SR**	160	160	160

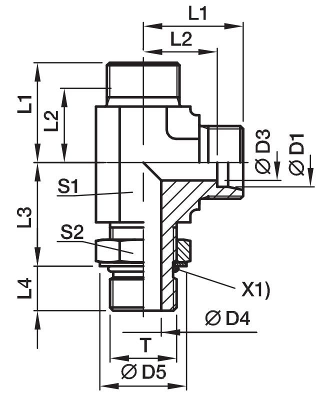
Properties

Design - As per DIN 2353 - ISO 8434 -1

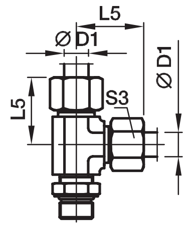
Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) O-ring OR



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C
L	06	7/16-20 UNF-2A	4	4.5	16.5	21	14	19	10	29	14	14	14	57	LEE06L7/16UNF	**VELEE06L7/16UNF**	315	315
	08	7/16-20 UNF-2A	6	4.5	18.3	23	16	19	10	31	14	14	17	61	LEE08L7/16UNF	**VELEE08L7/16UNF**	315	315
	10	9/16-18 UNF-2A	8	7.5	20.2	24	17	24	10	32	19	17	19	101	LEE10L9/16UNF	**VELEE10L9/16UNF**	315	315
	12	9/16-18 UNF-2A	10	7.5	25.7	26	19	25	11	34	19	17	22	106	LEE12L9/16UNF	**VELEE12L9/16UNF**	315	315
	12	3/4-16 UNF-2A	10	10.0	25.7	26	19	25	13	34	19	22	22	122	LEE12L3/4UNF	**VELEE12L3/4UNF**	315	315
	15	3/4-16 UNF-2A	12	10.0	25.7	28	21	28	13	36	22	22	27	166	LEE15L3/4UNF	**VELEE15L3/4UNF**	315	315
	15	7/8-14 UNF-2A	12	12.5	29.3	28	21	28	15	36	22	27	27	183	LEE15L7/8UNF	**VELEE15L7/8UNF**	315	315
	18	7/8-14 UNF-2A	15	12.5	29.3	31	24	32	15	40	27	27	32	263	LEE18L7/8UNF	**VELEE18L7/8UNF**	315	315
	18	1 1/16-12 UN-2A	15	15.5	29.3	31	24	32	17	40	30	32	32	335	LEE18L11/16UN	**VELEE18L11/16UN**	315	315
	22	1 1/16-12 UN-2A	19	15.5	36.7	35	28	35	17	44	30	32	36	355	LEE22L11/16UN	**VELEE22L11/16UN**	160	160
	28	1 5/16-12UN-2A	24	21.5	44.0	38	31	42	17	47	36	41	41	625	LEE28L15/16UN	**VELEE28L15/16UN**	160	160
	35	1 5/8-12 UN-2A	30	27.5	55.0	48	38	46	17	59	50	50	50	1245	LEE35L15/8UN	**VELEE35L15/8UN**	160	160
	42	1 7/8-12 UN-2A	36	33.5	55.0	49	38	47	17	61	50	55	60	1538	LEE42L17/8UN	**VELEE42L17/8UN**	160	160
S	06	7/16-20 UNF-2A	4	4.5	16.5	22	15	20	12	30	14	14	17	66	LEE06S7/16UNF	**VELEE06S7/16UNF**	400	400
	08	9/16-18 UNF-2A	5	7.5	18.3	24	17	25	12	32	19	17	19	114	LEE08S9/16UNF	**VELEE08S9/16UNF**	400	400
	10	9/16-18 UNF-2A	7	7.5	20.2	25	18	26	12	34	19	17	22	118	LEE10S9/16UNF	**VELEE10S9/16UNF**	400	400
	12	3/4-16 UNF-2A	8	10.0	25.7	29	22	30	14	38	22	22	24	185	LEE12S3/4UNF	**VELEE12S3/4UNF**	400	400
	16	7/8-14 UNF-2A	12	12.5	29.3	33	25	34	16	43	27	27	30	291	LEE16S7/8UNF	**VELEE16S7/8UNF**	400	400
	20	1 1/16-12 UN-2A	16	15.5	36.7	38	28	37	19	49	30	32	36	453	LEE20S11/16UN	**VELEE20S11/16UN**	400	400
	25	1 1/16-12 UN-2A	20	15.5	44.0	42	30	50	19	54	36	32	46	589	LEE25S11/16UN	**VELEE25S11/16UN**	400	400
	30	1 5/8-12 UN-2A	25	27.5	55.0	49	36	50	19	62	50	50	50	1276	LEE30S15/8UN	**VELEE30S15/8UN**	250	250
	38	1 7/8-12 UN-2A	32	33.5	55.0	50	34	51	19	65	50	55	60	1256	LEE38S17/8UN	**VELEE38S17/8UN**	250	250

* S1 - Dimensions may vary according to the forged body

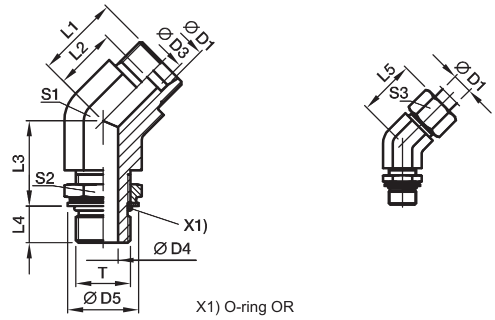
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C
L	06	M10 x 1	4	4.5	15	16	9	20	8	24	14	14	14	45	VEE06LMOR	**VEVEE06LMOR**	315	315
	08	M12 x 1.5	6	6.0	18	19	12	18	11	27	14	17	17	42	VEE08LMOR	**VEVEE08LMOR**	315	315
	10	M14 x 1.5	8	7.5	20	19	12	22	11	27	19	19	19	73	VEE10LMOR	**VEVEE10LMOR**	315	315
	12	M16 x 1.5	10	9.0	23	21	14	23	11	28	19	22	22	81	VEE12LMOR	**VEVEE12LMOR**	315	315
	15	M18 x 1.5	12	11.0	25	24	17	23	12	32	22	24	27	122	VEE15LMOR	**VEVEE15LMOR**	315	315
	18	M22 x 1.5	15	14.0	28	24	17	30	12	33	27	27	32	178	VEE18LMOR	**VEVEE18LMOR**	315	315
	22	M27 x 2	19	18.0	33	26	19	30	15	35	30	32	36	217	VEE22LM27X2OR	**VEVEE22LM27X2OR**	160	160
	28	M33 x 2	24	23.0	41	31	23	34	15	40	36	41	41	364	VEE28LMOR	**VEVEE28LMOR**	160	160
	35	M42 x 2	30	30.0	51	37	27	36	15	48	50	50	50	728	VEE35LMOR	**VEVEE35LMOR**	160	160
	42	M48 x 2	36	36.0	56	37	26	36	17	49	50	55	60	690	VEE42LMOR	**VEVEE42LMOR**	160	160
S	06	M12 x 1.5	4	4.0	18	16	9	18	11	24	14	17	17	44	VEE06SMOR	**VEVEE06SMOR**	400	400
	08	M14 x 1.5	5	6.0	20	19	12	18	11	27	19	19	19	72	VEE08SMOR	**VEVEE08SMOR**	400	400
	10	M16 x 1.5	7	7.0	23	21	13	22	12	29	19	22	22	93	VEE10SMOR	**VEVEE10SMOR**	400	400
	12	M18 x 1.5	8	9.0	25	24	17	23	14	33	22	24	24	130	VEE12SMOR	**VEVEE12SMOR**	400	400
	16	M22 x 1.5	12	12.0	28	24	16	20	14	34	27	27	30	196	VEE16SMOR	**VEVEE16SMOR**	400	400
	20	M27 x 2	16	15.0	33	27	16	33	18	38	30	32	36	290	VEE20SMOR	**VEVEE20SMOR**	400	400
	25	M33 x 2	20	20.0	41	31	19	35	18	43	36	41	46	446	VEE25SMOR	**VEVEE25SMOR**	315	315
	30	M42 x 2	25	26.0	51	37	24	36	18	50	50	50	50	811	VEE30SMOR	**VEVEE30SMOR**	250	250
	38	M48 x 2	32	32.0	56	37	21	36	21	52	50	55	60	850	VEE38SMOR	**VEE38SMOR**	200	200

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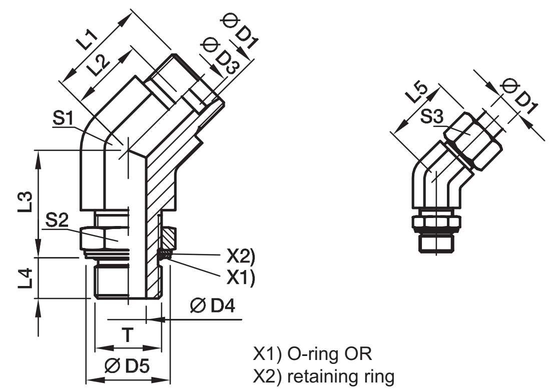
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	M10 x 1	4	4.5	15	16	9	20	8	24	14	13	14	39	VEE06LM	**VEVEE06LM**	315	315	315
L	08	M12 x 1.5	6	6.0	18	19	12	18	11	27	14	17	17	49	VEE08LM	**VEVEE08LM**	315	315	315
L	10	M14 x 1.5	8	7.5	20	19	12	22	11	27	19	17	19	71	VEE10LM	**VEVEE10LM**	315	315	315
L	12	M16 x 1.5	10	9.0	23	21	14	23	11	28	19	19	22	78	VEE12LM	**VEVEE12LM**	315	315	315
L	15	M18 x 1.5	12	11.0	25	24	17	23	12	32	22	22	27	121	VEE15LM	**VEVEE15LM**	315	315	315
L	18	M22 x 1.5	15	14.0	28	24	17	30	12	33	27	27	32	180	VEE18LM	**VEVEE18LM**	250	250	250
L	22	M27 x 2	19	18.0	33	26	19	30	15	35	30	32	36	221	VEE22LM27X2	**VEVEE22LM27X2**	160	160	160
L	28	M33 x 2	24	23.0	41	31	23	34	15	40	36	38	41	360	VEE28LM	**VEVEE28LM**	160	160	160
L	35	M42 x 2	30	30.0	51	37	27	36	15	48	50	50	50	741	VEE35LM	**VEVEE35LM**	160	160	160
L	42	M48 x 2	36	36.0	56	37	26	36	17	49	50	55	60	688	VEE42LM	**VEVEE42LM**	160	160	160
S	06	M12 x 1.5	4	4.0	18	16	9	18	11	24	14	17	17	44	VEE06SM	**VEVEE06SM**	315	315	315
S	08	M14 x 1.5	5	6.0	20	19	12	18	11	27	19	17	19	69	VEE08SM	**VEVEE08SM**	315	315	315
S	10	M16 x 1.5	7	7.0	23	21	13	22	12	29	19	19	22	86	VEE10SM	**VEVEE10SM**	315	315	315
S	12	M18 x 1.5	8	9.0	25	24	17	23	14	33	22	22	24	123	VEE12SM	**VEVEE12SM**	315	315	315
S	16	M22 x 1.5	12	12.0	28	24	16	30	14	34	27	27	30	192	VEE16SM	**VEVEE16SM**	250	250	250
S	20	M27 x 2	16	15.0	33	27	16	33	18	38	30	32	36	285	VEE20SM	**VEVEE20SM**	250	250	250
S	25	M33 x 2	20	20.0	41	31	19	35	18	43	36	38	46	425	VEE25SM	**VEVEE25SM**	160	160	160
S	30	M42 x 2	25	26.0	51	37	24	36	18	50	50	50	50	799	VEE30SM	**VEVEE30SM**	160	160	160
S	38	M48 x 2	32	32.0	56	37	21	36	21	52	50	55	60	825	VEE38SM	**VEVEE38SM**	160	160	160

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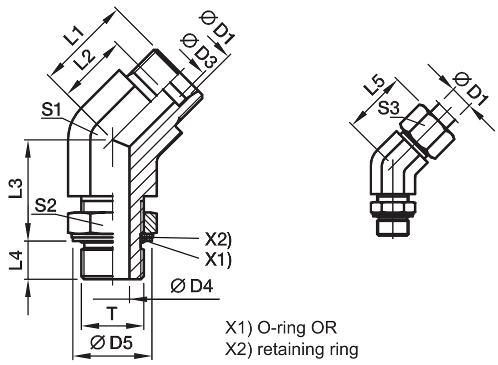
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5 5)	D5 6)	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	G 1/8A	4	4.5	15	15.0	16	9	21	7	24	14	14	14	39	VEE06LR	**VEVEE06LR**	315	315	315
	08	G 1/4A	6	7.5	20	20.0	19	12	20	9	27	14	14	17	46	VEE08LR	**VEVEE08LR**	315	315	315
	10	G 1/4A	8	7.5	20	20.0	19	12	25	9	27	19	19	19	74	VEE10LR	**VEVEE10LR**	315	315	315
	12	G 3/8A	10	10.0	23	23.5	21	14	28	9	28	19	19	22	85	VEE12LR	**VEVEE12LR**	250	250	250
	15	G 1/2A	12	12.5	28	28.5	24	17	26	13	32	22	22	27	134	VEE15LR	**VEVEE15LR**	250	250	250
	18	G 1/2A	15	12.5	28	28.5	24	17	32	13	33	27	27	32	189	VEE18LR	**VEVEE18LR**	250	250	250
	22	G 3/4A	19	15.5	33	34.5	26	19	37	13	35	30	30	36	283	VEE22LR	**VEVEE22LR**	160	160	160
	28	G 1A	24	21.5	41	43.5	31	23	37	15	40	36	36	41	410	VEE28LR	**VEVEE28LR**	160	160	160
	35	G 1 1/4A	30	27.5	51	52.5	37	27	39	15	48	50	50	50	807	VEE35LR	**VEVEE35LR**	160	160	160
	42	G 1 1/2A	36	33.0	56	60.0	37	26	39	15	49	50	55	60	762	VEE42LR	**VEVEE42LR**	160	160	160
S	06	G 1/4A	4	7.5	20	20.0	16	9	19	9	24	14	19	17	45	VEE06SR	**VEVEE06SR**	315	315	315
	08	G 1/4A	5	7.5	20	20.0	19	12	23	9	27	19	19	19	76	VEE08SR	**VEVEE08SR**	315	315	315
	10	G 3/8A	7	10.0	23	23.5	21	13	25	9	29	19	22	22	86	VEE10SR	**VEVEE10SR**	250	250	250
	12	G 3/8A	8	10.0	23	23.5	24	17	25	9	33	22	22	24	115	VEE12SR	**VEVEE12SR**	250	250	250
	16	G 1/2A	12	12.5	28	28.5	24	16	31	13	34	27	27	30	186	VEE16SR	**VEVEE16SR**	250	250	250
	20	G 3/4A	16	15.5	33	24.5	27	16	34	12	38	30	30	36	286	VEE20SR	**VEVEE20SR**	250	250	250
	25	G 1A	20	21.5	41	43.5	31	19	37	14	43	36	41	46	425	VEE25SR	**VEVEE25SR**	250	250	250
	30	G 1 1/4A	25	27.5	51	52.5	37	24	38	15	50	50	50	50	793	VEE30SR	**VEVEE30SR**	160	160	160
	38	G 1 1/2A	32	33.0	56	60.0	37	21	38	15	52	50	55	60	791	VEE38SR	**VEVEE38SR**	160	160	160

* S1 - Dimensions may vary according to the forged body

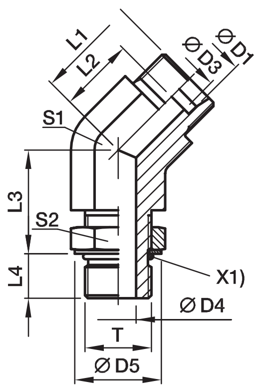
Properties

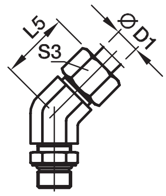
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





X1) O-ring OR

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C
L	06	7/16-20 UNF-2A	4	4.5	16.5	16	9	19	10	24	14	14	14	36	VEE06L7/16UNF	**VEVEE06L7/16UNF**	315	315
	08	7/16-20 UNF-2A	6	4.5	18.3	19	12	19	10	27	14	14	17	39	VEE08L7/16UNF	**VEVEE08L7/16UNF**	315	315
	10	9/16-18 UNF-2A	8	7.5	20.2	19	12	24	10	27	19	17	19	58	VEE10L7/16UNF	**VEVEE10L7/16UNF**	315	315
	12	9/16-18 UNF-2A	10	7.5	25.7	21	14	24	11	28	19	17	22	73	VEE12L9/16UNF	**VEVEE12L9/16UNF**	315	315
	12	3/4-16 UNF-2A	10	10.0	25.7	21	14	24	13	28	19	22	22	91	VEE12L3/4UNF	**VEVEE12L3/4UNF**	315	315
	15	3/4-16 UNF-2A	12	10.0	25.7	24	17	24	13	32	22	22	27	120	VEE15L3/4UNF	**VEVEE15L3/4UNF**	315	315
	15	7/8-14 UNF-2A	12	12.5	29.3	24	17	24	15	32	22	27	27	140	VEE15L7/8UNF	**VEVEE15L7/8UNF**	315	315
	18	7/8-14 UNF-2A	15	12.5	29.3	24	17	30	15	33	27	27	32	190	VEE18L7/8UNF	**VEVEE18L7/8UNF**	315	315
	18	1 1/16-12 UN-2A	15	15.5	29.3	24	17	30	17	33	30	32	32	205	VEE18L11/16UN	**VEVEE18L11/16UN**	315	315
	22	1 1/16-12 UN-2A	19	15.5	36.7	26	19	33	17	35	30	32	36	274	VEE22L11/16UN	**VEVEE22L11/16UN**	160	160
	28	1 5/16-12 UN-2A	24	21.5	44.0	31	23	35	17	39	36	41	41	402	VEE28L15/16UN	**VEVEE28L15/16UN**	160	160
	35	1 5/8-12 UN-2A	30	27.5	55.0	37	27	37	17	48	50	50	50	794	VEE35L15/8UN	**VEVEE35L15/8UN**	160	160
	42	1 7/8-12 UN-2A	36	33.5	55.0	37	26	37	17	49	50	55	60	751	VEE42L17/8UN	**VEVEE42L17/8UN**	160	160
S	06	7/16-20 UNF-2A	4	4.5	16.5	16	9	18	12	24	14	14	17	38	VEE06S7/16UNF	**VEVEE06S7/16UNF**	400	400
	08	9/16-18 UNF-2A	5	7.5	18.3	19	12	21	12	27	19	17	19	78	VEE08S9/16UNF	**VEVEE08S9/16UNF**	400	400
	10	9/16-18 UNF-2A	7	7.5	20.2	21	13	21	12	29	19	17	22	70	VEE10S9/16UNF	**VEVEE10S9/16UNF**	400	400
	12	3/4-16 UNF-2A	8	10.0	25.7	24	17	22	14	33	22	22	24	124	VEE12S3/4UNF	**VEVEE12S3/4UNF**	400	400
	16	7/8-14 UNF-2A	12	12.5	29.3	24	16	29	16	34	27	27	30	198	VEE16S7/8UNF	**VEVEE16S7/8UNF**	400	400
	20	1 1/16-12 UN-2A	16	15.5	36.7	27	16	31	19	38	30	32	36	315	VEE20S11/16UN	**VEVEE20S11/16UN**	400	400
	25	11/16-12 UN-2A	20	15.5	44.0	31	30	33	19	54	36	32	46	385	VEE25S11/16UN	**VEVEE25S11/16UN**	400	400
	30	1 5/8-12 UN-2A	25	27.5	55.0	37	24	35	19	50	50	50	50	815	VEE30S15/8UN	**VEVEE30S15/8UN**	250	250
	38	1 7/8-12 UN-2A	32	33.5	55.0	37	21	35	19	52	50	55	60	819	VEE38S17/8UN	**VEVEE38S17/8UN**	250	250

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Properties

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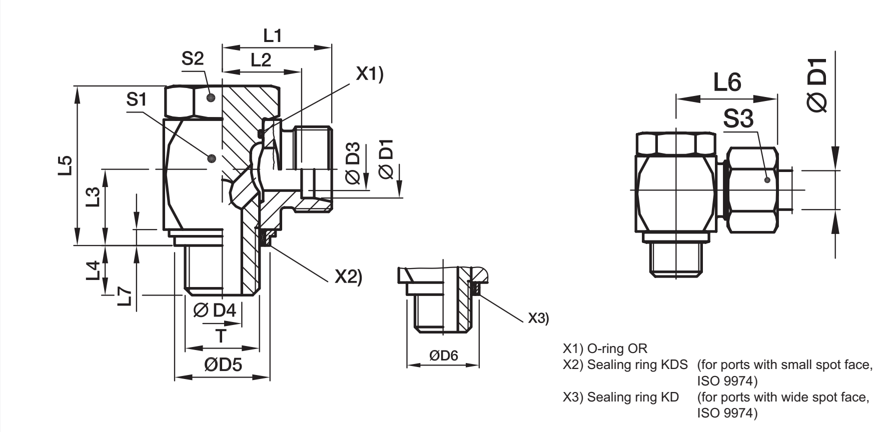


Series	D1	T	D3	D4	D5 KDS	D6 KD	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4.5	14.9	17.0	19.0	12.0	10.5	8	24.0	27	2.5	17	17	14	54	WH06LMKDS	**VEWH06LMKDS**	315	315	315
	08	M 12x1.5	6	6.0	17.0	22.0	21.5	14.5	14.0	12	30.0	29	3.0	22	19	17	97	WH08LMKDS	**VEWH08LMKDS**	315	315	315
	10	M 14x1.5	8	6.0	18.9	22.5	22.5	15.5	14.0	12	30.0	30	3.0	22	19	19	104	WH10LMKDS	**VEWH10LMKDS**	315	315	315
	12	M 16x1.5	10	7.5	21.9	27.0	25.0	18.0	16.5	12	36.0	33	3.0	27	24	22	180	WH12LMKDS	**VEWH12LMKDS**	315	315	315
	15	M 18x1.5	11	9.0	23.9	29.0	27.5	18.5	18.5	12	39.5	37	3.0	30	30	27	244	WH15LMKDS	**VEWH15LMKDS**	315	315	315
	18	M 22x1.5	15	12.0	26.9	32.0	28.5	21.0	21.5	14	45.0	37	4.5	32	30	32	327	WH18LMKDS	**VEWH18LMKDS**	315	315	315
	22	M 26x1.5	19	17.0	31.9	41.0	35.0	27.5	24.0	16	53.0	44	3.5	41	36	36	573	WH22LMKDS	**VEWH22LMKDS**	160	160	160
	28	M 33x2	24	21.0	39.9	46.0	39.5	32.0	30.5	18	66.0	49	3.5	50	46	41	1017	WH28LMKDS	**VEWH28LMKDS**	160	160	160
	35	M 42x2	30	27.0	49.9	57.0	46.5	36.0	35.5	20	76.0	58	3.5	60	55	50	1512	WH35LMKDS	**VEWH35LMKDS**	160	160	160
	42	M 48x2	36	34.0	55.9	64.0	51.5	40.5	40.5	22	87.0	63	3.5	70	60	60	2217	WH42LMKDS	**VEWH42LMKDS**	160	160	160
S	06	M 12x1.5	4	6.0	17.0	22.0	23.5	16.5	14.0	12	30.0	31	3.0	22	19	17	104	WH06SMKDS	**VEWH06SMKDS**	400	400	400
	08	M 14x1.5	5	6.0	18.9	22.5	23.5	16.5	14.0	12	30.0	31	3.0	22	19	19	110	WH08SMKDS	**VEWH08SMKDS**	400	400	400
	10	M 16x1.5	7	7.5	21.9	27.0	26.0	18.5	16.5	12	36.0	35	3.0	27	24	22	186	WH10SMKDS	**VEWH10SMKDS**	400	400	400
	12	M 18x1.5	8	9.0	23.9	29.0	27.5	20.0	18.5	12	39.5	36	3.0	27	27	24	246	WH12SMKDS	**VEWH12SMKDS**	400	400	400
	14	M 20x1.5	10	10.0		32.0	30.5	22.5	20.0	14	43.5	40	3.0	32	30	27	322	WH14SMKDS	**VEWH14SMKDS**			400
	16	M 22x1.5	12	12.0	26.9	32.0	30.5	22.0	21.5	14	45.0	40	4.5	32	30	30	327	WH16SMKDS	**VEWH16SMKDS**	315	315	315
	20	M 27x2	16	16.0	32.9	41.0	37.0	26.5	24.0	16	53.0	48	3.5	41	36	36	598	WH20SMKDS	**VEWH20SMKDS**	315	315	315
	25	M 33x2	20	21.0	39.9	46.0	43.5	31.5	30.5	18	66.0	56	3.5	50	46	46	1055	WH25SMKDS	**VEWH25SMKDS**	250	250	250
	30	M 42x2	25	27.0	49.9	57.0	50.5	37.0	35.5	20	76.0	64	3.5	60	55	50	1572	WH30SMKDS	**VEWH30SMKDS**	160	160	160
	38	M 48x2	32	34.0	55.9	64.0	57.5	41.5	40.5	22	87.0	72	3.5	70	60	60	2317	WH38SMKDS	**VEWH38SMKDS**	160	160	160

* S1 - Dimensions may vary according to the forged body

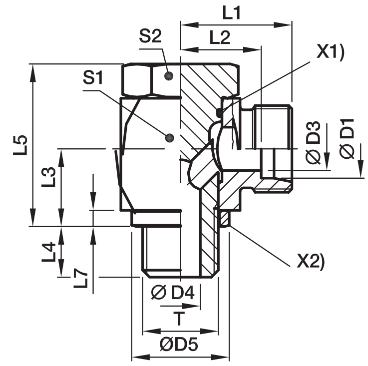
Properties

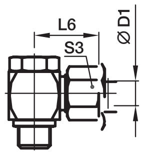
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





X1) O-ring OR
X2) Sealing ring DKA

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4.5	14	19.0	12.0	10.5	8	24.0	27	2.5	17	17	14	54	WH06LM	**VEWH06LM**	250	250	250
	08	M 12x1.5	6	6.0	17	21.5	14.5	14.0	12	30.0	29	3.0	22	19	17	97	WH08LM	**VEWH08LM**	250	250	250
	10	M 14x1.5	8	6.0	19	22.5	15.5	14.0	12	30.0	30	3.0	22	19	19	104	WH10LM	**VEWH10LM**	250	250	250
	12	M 16x1.5	10	7.5	21	25.0	18.0	16.5	12	36.0	33	3.0	27	24	22	180	WH12LM	**VEWH12LM**	250	250	250
	15	M 18x1.5	11	9.0	23	27.5	21.5	18.5	12	39.5	37	3.0	30	30	27	243	WH15LM	**VEWH15LM**	250	250	250
	18	M 22x1.5	15	12.0	27	28.5	21.0	21.5	14	45.0	37	4.5	32	30	32	326	WH18LM	**VEWH18LM**	250	250	250
	22	M 26x1.5	19	17.0	31	35.0	27.5	24.0	16	53.0	44	3.5	41	36	36	574	WH22LM	**VEWH22LM**	160	160	160
	28	M 33x2	24	21.0	39	39.5	32.0	30.5	18	66.0	49	3.5	50	46	41	1016	WH28LM	**VEWH28LM**	160	160	160
	35	M 42x2	30	27.0	49	46.5	36.0	35.5	20	76.0	58	3.5	60	55	50	1512	WH35LM	**VEWH35LM**	160	160	160
	42	M 48x2	36	34.0	55	51.5	40.5	40.5	22	87.0	63	3.5	70	60	60	2216	WH42LM	**VEWH42LM**	160	160	160
S	06	M 12x1.5	4	6.0	17	23.5	16.5	14.0	12	30.0	31	3.0	22	19	17	104	WH06SM	**VEWH06SM**	315	315	315
	08	M 14x1.5	5	6.0	19	23.5	16.5	14.0	12	30.0	31	3.0	22	19	19	111	WH08SM	**VEWH08SM**	315	315	315
	10	M 16x1.5	7	7.5	21	26.0	18.5	16.5	12	36.0	35	3.0	27	24	22	186	WH10SM	**VEWH10SM**	315	315	315
	12	M 18x1.5	8	9.0	23	27.5	20.0	18.5	12	39.5	36	3.0	27	27	24	246	WH12SM	**VEWH12SM**	315	315	315
	14	M 20x1.5	10	10.0	25	30.5	22.5	20.0	14	43.5	40	3.0	32	30	27	320	WH14SM	**VEWH14SM**	315	315	315
	16	M 22x1.5	12	12.0	27	30.5	22.0	21.5	14	45.0	40	4.5	32	30	30	326	WH16SM	**VEWH16SM**	315	315	315
	20	M 27x2	16	16.0	32	37.0	26.5	24.0	16	53.0	48	3.5	41	36	36	596	WH20SM	**VEWH20SM**	160	160	160
	25	M 33x2	20	21.0	39	43.5	31.5	30.5	18	66.0	56	3.5	50	46	46	1055	WH25SM	**VEWH25SM**	160	160	160
	30	M 42x2	25	27.0	49	50.5	37.0	35.5	20	76.0	64	3.5	60	55	50	1572	WH30SM	**VEWH30SM**	160	160	160
	38	M 48x2	32	34.0	55	57.5	41.5	40.5	22	87.0	72	3.5	70	60	60	2316	WH38SM	**VEWH38SM**	160	160	160

* S1 - Dimensions may vary according to the forged body

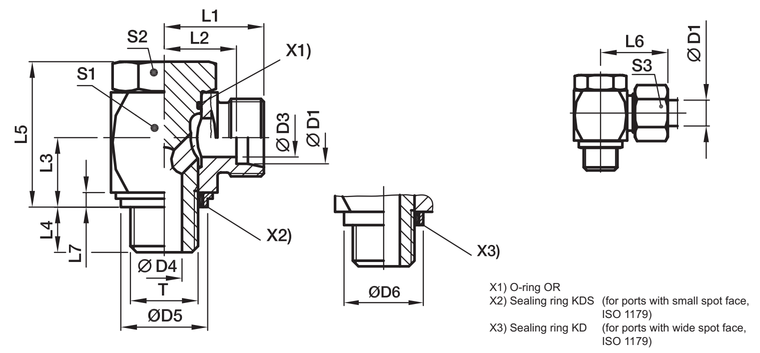
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5 KDS	D6 KD	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	G 1/8 A	4	4.5	14.9	17	19.0	12.0	10.5	8	24	27	2.5	17	17	14	53	WH06LRKDS	**VEWH06LRKDS**	315	315	315
	08	G 1/4 A	6	6.0	18.9	22	21.5	14.5	14.0	12	30	29	3.0	22	19	17	101	WH08LRKDS	**VEWH08LRKDS**	315	315	315
	10	G 1/4 A	8	6.0	18.9	22	22.5	15.5	14.0	12	30	30	3.0	22	19	19	102	WH10LRKDS	**VEWH10LRKDS**	315	315	315
	12	G 3/8 A	10	7.5	21.9	27	25.0	18.0	16.5	12	36	33	3.0	27	24	22	181	WH12LRKDS	**VEWH12LRKDS**	315	315	315
	15	G 1/2 A	12	11.0	26.9	32	27.5	21.5	21.5	14	45	37	4.5	32	30	27	312	WH15LRKDS	**VEWH15LRKDS**	315	315	315
	18	G 1/2 A	15	11.0	26.9	32	28.5	21.0	21.5	14	45	37	4.5	32	30	32	319	WH18LRKDS	**VEWH18LRKDS**	315	315	315
	22	G 3/4 A	19	17.0	32.9	41	35.0	27.5	24.0	16	53	44	3.5	41	36	36	578	WH22LRKDS	**VEWH22LRKDS**	160	160	160
	28	G 1 A	24	21.0	39.9	46	39.5	32.0	30.5	18	66	49	3.5	50	46	41	1035	WH28LRKDS	**VEWH28LRKDS**	160	160	160
	35	G 1 1/4 A	30	27.0	49.9	57	46.5	36.0	35.5	20	76	58	3.5	60	55	50	1499	WH35LRKDS	**VEWH35LRKDS**	160	160	160
	42	G 1 1/2 A	36	34.0	55.9	64	51.5	40.5	40.5	22	87	63	3.5	70	60	60	2196	WH42LRKDS	**VEWH42LRKDS**	160	160	160
S	06	G 1/4 A	4	6.0	18.9	22	23.5	16.5	14.0	12	30	31	3.0	22	19	17	107	WH06SRKDS	**VEWH06SRKDS**	400	400	400
	08	G 1/4 A	5	6.0	18.9	22	23.5	16.5	14.0	12	30	31	3.0	22	19	19	107	WH08SRKDS	**VEWH08SRKDS**	400	400	400
	10	G 3/8A	7	7.5	21.9	27	26.0	18.5	16.5	12	36	35	3.0	27	24	22	188	WH10SRKDS	**VEWH10SRKDS**	400	400	400
	12	G 3/8 A	8	7.5	21.9	27	26.0	18.5	18.5	12	36	35	3.0	27	24	24	190	WH12SRKDS	**VEWH12SRKDS**	400	400	400
	14	G 1/2 A	10	11.0	26.9	32	30.5	22.5	21.5	15	45	40	4.5	32	30	27	320	WH14SRKDS	**VEWH14SRKDS**	400	400	400
	16	G 1/2 A	12	11.0	26.9	32	30.5	22.0	21.5	14	45	40	4.5	32	30	30	324	WH16SRKDS	**VEWH16SRKDS**	315	315	315
	20	G 3/4A	16	17.0	32.9	41	37.0	26.5	24.0	16	53	48	3.5	41	36	36	588	WH20SRKDS	**VEWH20SRKDS**	315	315	315
	25	G 1 A	20	21.0	39.9	46	43.5	31.5	30.5	18	66	56	3.5	50	46	46	1073	WH25SRKDS	**VEWH25SRKDS**	250	250	250
	30	G 1 1/4 A	25	27.0	49.9	57	50.5	37.0	35.5	20	76	64	3.5	60	55	50	1559	WH30SRKDS	**VEWH30SRKDS**	160	160	160
	38	G 1 1/2 A	32	34.0	55.9	64	57.5	41.5	40.5	22	87	72	3.5	70	60	60	2296	WH38SRKDS	**VEWH38SRKDS**	160	160	160

* S1 - Dimensions may vary according to the forged body

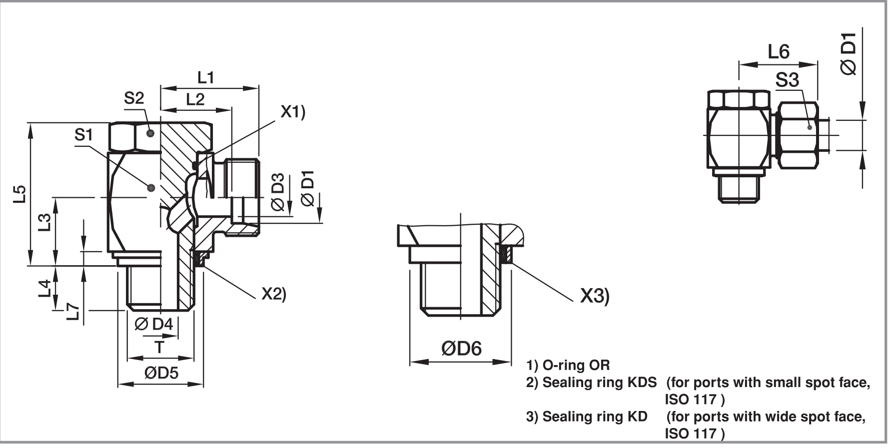
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	Weight g/1 piece	DIN CODE Order Code	**VELOCK Order Code**	W.P. = IN BAR			
																			CF	A3C	71	MS
L	06	G 1/8 A	4	4.5	14	19.0	12.0	10.5	8	24	27	2.5	17	17	14	53	WH06LR	**VEWH06LR**	250	250	250	160
	08	G 1/4 A	6	6.0	18	21.5	14.5	14.0	12	30	29	3.0	22	19	17	101	WH08LR	**VEWH08LR**	250	250	250	160
	10	G 1/4 A	8	6.0	18	22.5	15.5	14.0	12	30	30	3.0	22	19	19	102	WH10LR	**VEWH10LR**	250	250	250	160
	12	G 3/8 A	10	7.5	22	25.0	18.0	16.5	12	36	33	3.0	27	24	22	181	WH12LR	**VEWH12LR**	250	250	250	160
	15	G 1/2 A	12	11.0	26	28.5	21.5	21.5	14	45	37	4.5	32	30	27	311	WH15LR	**VEWH15LR**	250	250	250	160
	18	G 1/2 A	15	11.0	26	28.5	21.0	21.5	14	45	37	4.5	32	30	32	319	WH18LR	**VEWH18LR**	250	250	250	160
	22	G 3/4 A	19	17.0	32	35.0	27.5	24.0	16	53	44	3.5	41	36	36	577	WH22LR	**VEWH22LR**	160	160	160	
	28	G 1 A	24	21.0	39	39.5	32.0	30.5	18	66	49	3.5	50	46	41	1034	WH28LR	**VEWH28LR**	160	160	160	
	35	G 1 1/4 A	30	27.0	57	46.5	36.0	35.5	20	76	58	3.5	60	55	50	1500	WH35LR	**VEWH35LR**	160	160	160	
	42	G 1 1/2 A	36	34.0	55	51.5	40.5	40.5	22	87	63	3.5	70	60	60	2195	WH42LR	**VEWH42LR**	160	160	160	
S	06	G 1/4 A	4	6.0	18	23.5	16.5	14.0	12	30	31	3.0	22	19	17	107	WH06SR	**VEWH06SR**	315	315	315	200
	08	G 1/4 A	5	6.0	18	23.5	16.5	14.0	12	30	31	3.0	22	19	19	107	WH08SR	**VEWH08SR**	315	315	315	200
	10	G 3/8 A	7	7.5	22	26.0	18.5	16.5	12	36	35	3.0	27	24	22	188	WH10SR	**VEWH10SR**	315	315	315	200
	12	G 3/8 A	8	7.5	22	26.0	18.5	16.5	12	36	35	3.0	27	24	24	190	WH12SR	**VEWH12SR**	315	315	315	200
	14	G 1/2 A	10	11.0	26	30.5	22.5	21.5	14	45	40	4.5	32	30	27	320	WH14SR	**VEWH14SR**	315	315	315	
	16	G 1/2 A	12	11.0	26	30.5	22.0	21.5	14	45	40	4.5	32	30	30	317	WH16SR	**VEWH16SR**	315	315	315	
	20	G 3/4 A	16	17.0	32	37.0	26.5	24.0	16	53	48	3.5	41	36	36	587	WH20SR	**VEWH20SR**	160	160	160	
	25	G 1 A	20	21.0	39	43.5	31.5	30.5	18	66	56	3.5	50	46	46	1072	WH25SR	**VEWH25SR**	160	160	160	
	30	G 1 1/4 A	25	27.0	49	50.5	37.0	35.5	20	76	64	3.5	60	55	50	1560	WH30SR	**VEWH30SR**	160	160	160	
	38	G 1 1/2 A	32	34.0	55	57.5	41.5	40.5	22	87	72	3.5	70	60	60	2295	WH38SR	**VEWH38SR**	160	160	160	

* S1 - Dimensions may vary according to the forged body

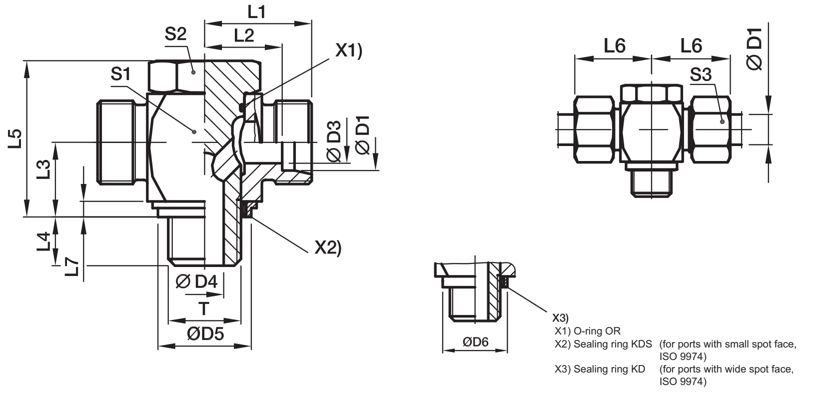
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish

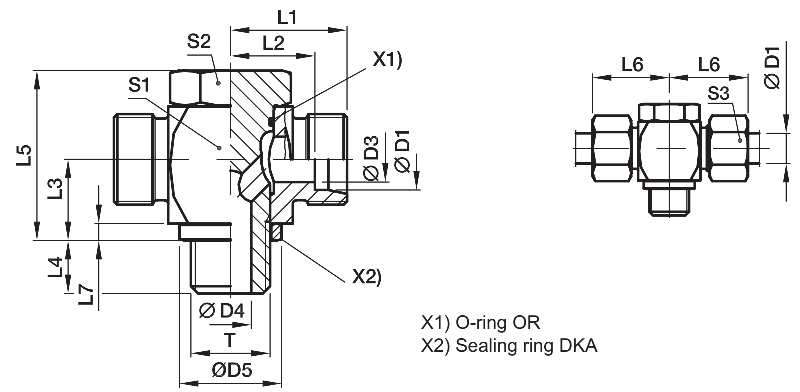


Series	D1	T	D3	D4	D5 KDS	D6 KD	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4.5	14.9	17.0	19.0	12.0	10.5	8	24.0	27	2.5	17	17	14	59	TH06LMKDS	**VETH06LMKDS**	315	315	315
L	08	M 12x1.5	6	6.0	17.0	22.0	21.5	14.5	14.0	12	30.0	29	3.0	22	19	17	104	TH08LMKDS	**VETH08LMKDS**	315	315	315
L	10	M 14x1.5	8	6.0	18.9	22.5	22.5	15.5	14.0	12	30.0	30	3.0	22	19	19	112	TH10LMKDS	**VETH10LMKDS**	315	315	315
L	12	M 16x1.5	10	7.5	21.9	27.0	25.0	18.0	16.5	12	36.0	33	3.0	27	24	22	192	TH12LMKDS	**VETH12LMKDS**	315	315	315
L	15	M 18x1.5	11	9.0	23.9	29.0	27.5	21.5	18.5	12	39.5	37	3.0	30	30	27	258	TH15LMKDS	**VETH15LMKDS**	315	315	315
L	18	M 22x1.5	15	12.0	26.9	32.0	28.5	21.0	21.5	14	45.0	37	4.5	32	30	32	337	TH18LMKDS	**VETH18LMKDS**	315	315	315
L	22	M 26x1.5	19	17.0	31.9	41.0	35.0	27.5	24.0	16	53.0	44	3.5	41	36	36	589	TH22LMKDS	**VETH22LMKDS**	160	160	160
L	28	M 33x2	24	21.0	39.9	46.0	39.5	32.0	30.5	18	66.0	49	3.5	50	46	41	1072	TH28LMKDS	**VETH28LMKDS**	160	160	160
L	35	M 42x2	30	27.0	49.9	57.0	46.5	36.0	35.5	20	76.0	58	3.5	60	55	50	1778	TH35LMKDS	**VETH35LMKDS**	160	160	160
L	42	M 48x2	36	34.0	55.9	64.0	51.5	40.5	40.5	22	87.0	63	3.5	70	60	60	2566	TH42LMKDS	**VETH42LMKDS**	160	160	160
S	06	M 12x1.5	4	6.0	17.0	22.0	23.5	16.5	14.0	12	30.0	31	3.0	22	19	17	112	TH06SMKDS	**VETH06SMKDS**	400	400	400
S	08	M 14x1.5	5	6.0	18.9	22.5	23.5	16.5	14.0	12	30.0	31	3.0	22	19	19	123	TH08SMKDS	**VETH08SMKDS**	400	400	400
S	10	M 16x1.5	7	7.5	21.9	27.0	26.0	18.5	16.5	12	36.0	35	3.0	27	24	22	200	TH10SMKDS	**VETH10SMKDS**	400	400	400
S	12	M 18x1.5	8	9.0	23.9	29.0	27.5	20.0	18.5	12	39.5	36	3.0	27	27	24	261	TH12SMKDS	**VETH12SMKDS**	400	400	400
S	14	M 20x1.5	10	10.0		32.0	30.5	22.5	20.0	14	43.5	40	3.0	32	30	27	334	TH14SMKD	**VETH14SMKD**			400
S	16	M 22x1.5	12	12.0	26.9	32.0	30.5	22.0	21.5	14	45.0	40	4.5	32	30	30	351	TH16SMKDS	**VETH16SMKDS**	315	315	315
S	20	M 27x2	16	16.0	32.9	41.0	37.0	26.5	24.0	16	53.0	48	3.5	41	36	36	629	TH20SMKDS	**VETH20SMKDS**	315	315	315
S	25	M 33x2	20	21.0	39.9	46.0	43.5	31.5	30.5	18	66.0	56	3.5	50	46	46	1106	TH25SMKDS	**VETH25SMKDS**	250	250	250
S	30	M 42x2	25	27.0	49.9	57.0	50.5	37.0	35.5	20	76.0	64	3.5	60	55	50	1843	TH30SMKDS	**VETH30SMKDS**	160	160	160
S	38	M 48x2	32	34.0	55.9	64.0	57.5	41.5	40.5	22	87.0	72	3.5	70	60	60	2744	TH38SMKDS	**VETH38SMKDS**	160	160	160

* S1 - Dimensions may vary according to the forged body

Properties

Properties
Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	M 10x1	4	4.5	14	19.0	12.0	10.5	8	24.0	27	2.5	17	17	14	58	TH06LM	**VETH06LM**	250	250	250
	08	M 12x1.5	6	6.0	17	21.5	14.5	14.0	12	30.0	29	3.0	22	19	17	104	TH08LM	**VETH08LM**	250	250	250
	10	M 14x1.5	8	6.0	19	22.5	15.5	14.0	12	30.0	30	3.0	22	19	19	112	TH10LM	**VETH10LM**	250	250	250
	12	M 16x1.5	10	7.5	21	25.0	18.0	16.5	12	36.0	33	3.0	27	24	22	191	TH12LM	**VETH12LM**	250	250	250
	15	M 18x1.5	11	9.0	23	27.5	21.5	18.5	12	39.5	37	3.0	30	30	27	258	TH15LM	**VETH15LM**	250	250	250
	18	M 22x1.5	15	12.0	27	28.5	21.0	21.5	14	45.0	37	4.5	32	30	32	337	TH18LM	**VETH18LM**	250	250	250
	22	M 26x1.5	19	17.0	31	35.0	27.5	24.0	16	53.0	44	3.5	41	36	36	590	TH22LM	**VETH22LM**	160	160	160
	28	M 33x2	24	21.0	39	39.5	32.0	30.5	18	66.0	49	3.5	50	46	41	1072	TH28LM	**VETH28LM**	160	160	160
	35	M 42x2	30	27.0	49	46.5	36.0	35.5	20	76.0	58	3.5	60	55	50	1778	TH35LM	**VETH35LM**	160	160	160
	42	M 48x2	36	34.0	55	51.5	40.5	40.5	22	87.0	63	3.5	70	60	60	2565	TH42LM	**VETH42LM**	160	160	160
S	06	M 12x1.5	4	6.0	17	23.5	16.5	14.0	12	30.0	31	3.0	22	19	17	112	TH06SM	**VETH06SM**	315	315	315
	08	M 14x1.5	5	6.0	19	23.5	16.5	14.0	12	30.0	31	3.0	22	19	19	124	TH08SM	**VETH08SM**	315	315	315
	10	M 16x1.5	7	7.5	21	26.0	18.5	16.5	12	36.0	35	3.0	27	24	22	200	TH10SM	**VETH10SM**	315	315	315
	12	M 18x1.5	8	9.0	23	27.5	20.0	18.5	12	39.5	36	3.0	27	27	24	261	TH12SM	**VETH12SM**	315	315	315
	14	M 20x1.5	10	10.0	25	30.5	22.5	20.0	14	43.5	40	3.0	32	30	27	334	TH14SM	**VETH14SM**	315	315	315
	16	M 22x1.5	12	12.0	27	30.5	22.0	21.5	14	45.0	40	4.5	32	30	30	350	TH16SM	**VETH16SM**	315	315	315
	20	M 27x2	16	16.0	32	37.0	26.5	24.0	16	53.0	48	3.5	41	36	36	628	TH20SM	**VETH20SM**	160	160	160
	25	M 33x2	20	21.0	39	43.5	31.5	30.5	18	66.0	56	3.5	50	46	46	1106	TH25SM	**VETH25SM**	160	160	
	30	M 42x2	25	27.0	49	50.5	37.0	35.5	20	76.0	64	3.5	60	55	50	1843	TH30SM	**VETH30SM**	160	160	160
	38	M 48x2	32	34.0	55	57.5	41.5	40.5	22	87.0	72	3.5	70	60	60	2741	TH38SM	**VETH38SM**	160	160	160

* S1 - Dimensions may vary according to the forged body

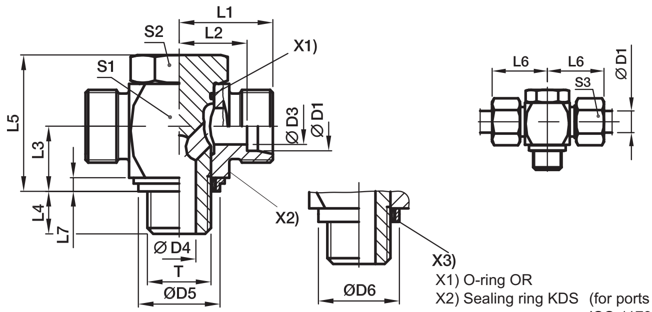
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) O-ring OR
X2) Sealing ring KDS (for ports with small spot face, ISO 1179)
X3) Sealing ring KD (for ports with wide spot face, ISO 1179)

Series	D1	T	D3	D4	D5 KDS	D6 KD	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	G 1/8 A	4	4.5	14.9	17	19.0	12.0	10.5	8	24	27	2.5	17	17	14	58	TH06LRKDS	**VETH06LRKDS**	315	315	315
L	08	G 1/4 A	6	6.0	18.9	22	21.5	14.5	14.0	12	30	29	3.0	22	19	17	108	TH08LRKDS	**VETH08LRKDS**	315	315	315
L	10	G 1/4 A	8	6.0	18.9	22	22.5	15.5	14.0	12	30	30	3.0	22	19	19	110	TH10LRKDS	**VETH10LRKDS**	315	315	315
L	12	G 3/8 A	10	7.5	21.9	27	25.0	18.0	16.5	12	36	33	3.0	27	24	22	193	TH12LRKDS	**VETH12LRKDS**	315	315	315
L	15	G 1/2 A	12	11.0	26.9	32	28.5	21.5	21.5	14	45	37	4.5	32	30	27	321	TH15LRKDS	**VETH15LRKDS**	315	315	315
L	18	G 1/2 A	15	11.0	26.9	32	28.5	21.0	21.5	14	45	37	4.5	32	30	32	329	TH18LRKDS	**VETH18LRKDS**	315	315	315
L	22	G 3/4 A	19	17.0	32.9	41	35.0	27.5	24.0	16	53	44	3.5	41	36	36	585	TH22LRKDS	**VETH22LRKDS**	160	160	160
L	28	G 1 A	24	21.0	39.9	46	39.5	32.0	30.5	18	66	49	3.5	50	46	41	1090	TH28LRKDS	**VETH28LRKDS**	160	160	160
L	35	G 1 1/4 A	30	27.0	49.9	57	46.5	36.0	35.5	20	76	58	3.5	60	55	50	1765	TH35LRKDS	**VETH35LRKDS**	160	160	160
L	42	G 1 1/2 A	36	34.0	55.9	64	51.5	40.5	40.5	22	87	63	3.5	70	60	60	2545	TH42LRKDS	**VETH42LRKDS**	160	160	160
S	06	G 1/4 A	4	6.0	18.9	22	23.5	16.5	14.0	12	30	31	3.0	22	19	17	116	TH06SRKDS	**VETH06SRKDS**	400	400	400
S	08	G 1/4 A	5	6.0	18.9	22	23.5	16.5	14.0	12	30	31	3.0	22	19	19	121	TH08SRKDS	**VETH08SRKDS**	400	400	400
S	10	G 3/8A	7	7.5	21.9	27	26.0	18.5	16.5	12	36	35	3.0	27	24	22	201	TH10SRKDS	**VETH10SRKDS**	400	400	400
S	12	G 3/8 A	8	7.5	21.9	27	26.0	18.5	16.5	12	36	35	3.0	27	24	24	207	TH12SRKDS	**VETH12SRKDS**	400	400	400
S	14	G 1/2 A	10	11.0	26.9	32	30.5	22.5	21.5	15	45	40	4.5	32	30	27	338	TH14SRKDS	**VETH14SRKDS**	400	400	400
S	16	G 1/2 A	12	11.0	26.9	32	30.5	22.0	21.5	14	45	40	4.5	32	30	30	350	TH16SRKDS	**VETH16SRKDS**	315	315	315
S	20	G 3/4A	16	17.0	32.9	41	37.0	26.5	24.0	16	53	48	3.5	41	36	36	620	TH20SRKDS	**VETH20SRKDS**	315	315	315
S	25	G 1 A	20	21.0	39.9	46	43.5	31.5	30.5	18	66	56	3.5	50	46	46	1124	TH25SRKDS	**VETH25SRKDS**	250	250	250
S	30	G 1 1/4 A	25	27.0	49.9	57	50.5	37.0	35.5	20	76	64	3.5	60	55	50	1830	TH30SRKDS	**VETH30SRKDS**	160	160	160
S	38	G 1 1/2 A	32	34.0	55.9	64	57.5	41.5	40.5	22	87	72	3.5	70	60	60	2721	TH38SRKDS	**VETH38SRKDS**	160	160	160

* S1 - Dimensions may vary according to the forged body

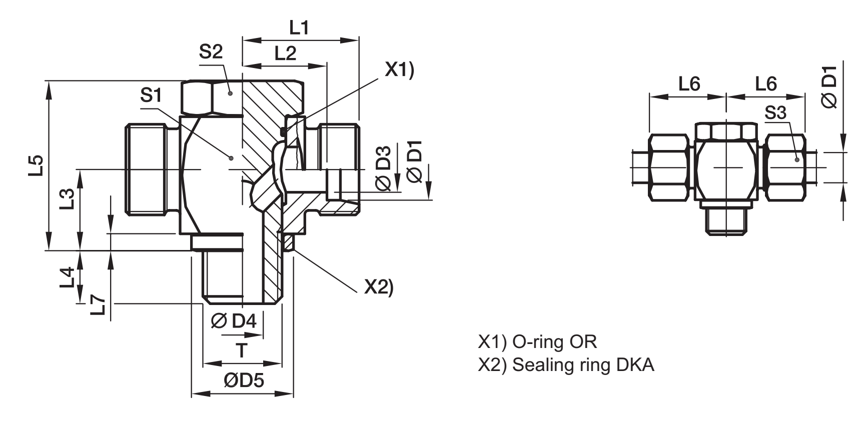
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	L7	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	G 1/8 A	4	4.5	14	19.0	12.0	10.5	8	24	27	2.5	17	17	14	58	TH06LR	**VETH06LR**	250	250	250
	08	G 1/4 A	6	6.0	18	21.5	14.5	14.0	12	30	29	3.0	22	19	17	108	TH08LR	**VETH08LR**	250	250	250
	10	G 1/4 A	8	6.0	18	22.5	15.5	14.0	12	30	30	3.0	22	19	19	110	TH10LR	**VETH10LR**	250	250	250
	12	G 3/8 A	10	7.5	22	25.0	18.0	16.5	12	36	33	3.0	27	24	22	193	TH12LR	**VETH12LR**	250	250	250
	15	G 1/2 A	12	11.0	26	28.5	21.5	21.5	14	45	37	4.5	32	30	27	321	TH15LR	**VETH15LR**	250	250	250
	18	G 1/2 A	15	11.0	26	28.5	21.0	21.5	14	45	37	4.5	32	30	32	329	TH18LR	**VETH18LR**	250	250	250
	22	G 3/4 A	19	17.0	32	35.0	27.5	24.0	16	53	44	3.5	41	36	36	584	TH22LR	**VETH22LR**	160	160	160
	28	G 1 A	24	21.0	39	39.5	32.0	30.5	18	66	49	3.5	50	46	41	1090	TH28LR	**VETH28LR**	160	160	160
	35	G 1 1/4 A	30	27.0	57	46.5	36.0	35.5	20	76	58	3.5	60	55	50	1766	TH35LR	**VETH35LR**	160	160	160
	42	G 1 1/2 A	36	34.0	55	51.5	40.5	40.5	22	87	63	3.5	70	60	60	2544	TH42LR	**VETH42LR**	160	160	160
S	06	G 1/4 A	4	6.0	18	23.5	16.5	14.0	12	30	31	3.0	22	19	17	116	TH06SR	**VETH06SR**	315	315	315
	08	G 1/4 A	5	6.0	18	23.5	16.5	14.0	12	30	31	3.0	22	19	19	121	TH08SR	**VETH08SR**	315	315	315
	10	G 3/8A	7	7.5	22	26.0	18.5	16.5	12	36	35	3.0	27	24	22	201	TH10SR	**VETH10SR**	315	315	315
	12	G 3/8 A	8	7.5	22	26.0	18.5	16.5	12	36	35	3.0	27	24	24	207	TH12SR	**VETH12SR**	315	315	315
	14	G 1/2 A	10	11.0	26	30.5	22.5	21.5	14	45	40	4.5	32	30	27	343	TH14SR	**VETH14SR**	315	315	315
	16	G 1/2 A	12	11.0	26	30.5	22.0	21.5	14	45	40	4.5	32	30	30	350	TH16SR	**VETH16SR**	315	315	315
	20	G 3/4A	16	17.0	32	37.0	26.5	24.0	16	53	48	3.5	41	36	36	618	TH20SR	**VETH20SR**	160	160	160
	25	G 1 A	20	21.0	39	43.5	31.5	30.5	18	66	56	3.5	50	46	46	1124	TH25SR	**VETH25SR**	160	160	160
	30	G 1 1/4 A	25	27.0	49	50.5	37.0	35.5	20	76	64	3.5	60	55	50	1831	TH30SR	**VETH30SR**	160	160	160
	38	G 1 1/2 A	32	34.0	55	57.5	41.5	40.5	22	87	72	3.5	70	60	60	2720	TH38SR	**VETH38SR**	160	160	160

* S1 - Dimensions may vary according to the forged body

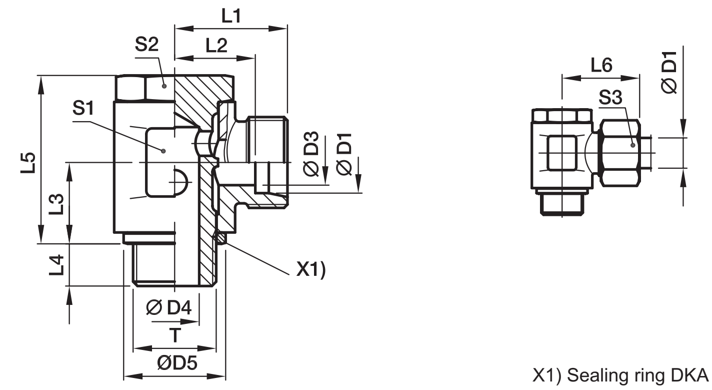
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) Sealing ring DKA

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	W.P. = IN BAR A3C
	04	M 08x1	3.0	3.0	12.5	14.5	10.5	8.0	6	17.0	20	12	12	10	18	SWVE04LLM	**VESWVE04LLM**	63	63
LL	06	M 10x1	4.5	5.0	14.0	15.5	10.0	10.0	6	21.0	22	14	14	12	29	SWVE06LLM	**VESWVE06LLM**	63	63
	08	M 10x1	6.0	5.0	14.0	16.5	11.0	10.0	6	21.0	23	14	14	14	31	SWVE08LLM	**VESWVE08LLM**	63	63
	06	M 10x1	4.5	5.0	14.0	15.5	10.5	10.0	6	21.5	25	14	14	14	31	SWVE06LM	**VESWVE06LM**	160	160
	08	M 12x1.5	6.0	6.0	17.0	19.0	12.0	12.0	9	25.0	27	17	17	17	51	SWVE08LM	**VESWVE08LM**	160	160
	10	M 14x1.5	8.0	6.5	19.0	21.0	14.0	13.0	9	27.0	29	19	19	19	68	SWVE10LM	**VESWVE10LM**	160	160
L	12	M 16x1.5	10.0	8.5	21.0	22.5	15.5	15.0	9	32.0	30	22	21	22	100	SWVE12LM	**VESWVE12LM**	100	100
	15	M 18x1.5	12.0	11.0	23.0	24.5	17.5	18.0	9	37.5	33	24	24	27	138	SWVE15LM	**VESWVE15LM**	100	100
	18	M 22x1.5	15.0	13.0	27.0	28.0	20.5	21.5	11	44.0	37	30	27	32	241	SWVE18LM	**VESWVE18LM**	100	100
	22	M 26x1.5	19.0	18.0	31.0	33.0	25.5	24.0	13	49.0	42	36	32	36	351	SWVE22LM	**VESWVE22LM**	100	100
	06	M 12x1.5	4.0	6.0	17.0	21.0	14.0	12.0	9	25.0	29	17	17	17	55	SWVE06SM	**VESWVE06SM**	160	160
	08	M 14x1.5	5.0	6.5	19.0	22.0	15.0	13.0	9	27.0	30	19	19	19	75	SWVE08SM	**VESWVE08SM**	160	160
	10	M 16x1.5	7.0	8.5	21.0	23.5	16.0	15.0	9	32.0	32	22	22	22	106	SWVE10SM	**VESWVE10SM**	160	160
S	12	M 18x1.5	8.0	11.0	23.0	24.5	17.0	18.0	9	37.0	33	24	24	24	134	SWVE12SM	**VESWVE12SM**	100	100
	14	M 20x1.5	10.0	10.0	25.0	28.0	20.0	18.0	11	37.0	38	27	27	27	179	SWVE14SM	**VESWVE14SM**	100	100
	16	M 22x1.5	12.0	13.0	27.0	30.0	21.5	21.5	11	44.0	44	30	27	30	252	SWVE16SM	**VESWVE16SM**	100	100
	20	M 27x2	16.0	18.0	32.0	35.0	24.0	24.0	13	49.0	46	36	32	36	363	SWVE20SM	**VESWVE20SM**	100	100

* S1 - Dimensions may vary according to the forged body

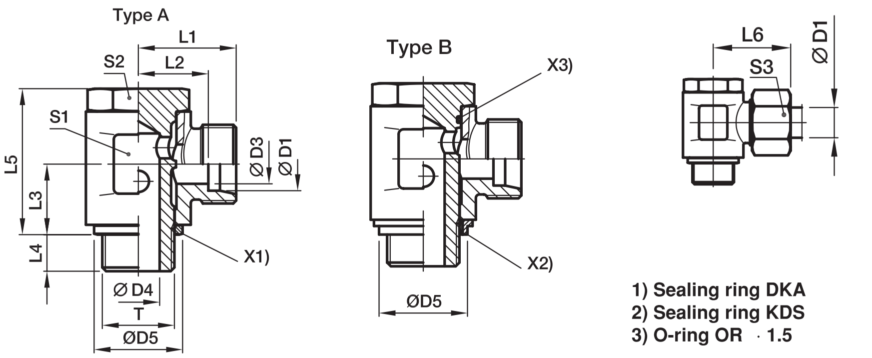
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	TYPE	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN CODE Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	W.P. = IN BAR A3C
LL	04	B	G 1/8A	3.0	5.0	15	15.5	11.5	10.0	6	21.5	21	14	14	10	29	SWVE04LLRKDS	**VESWVE04LLRKDS**	250	250
	06	B	G 1/8A	4.5	5.0	15	15.5	10.0	10.0	6	21.5	22	14	14	12	30	SWVE06LLRKDS	**VESWVE06LLRKDS**	250	250
LL	04	A	G 1/8A	3.0	5.0	14	15.5	11.5	10.0	6	21.0	21	14	14	10	28	SWVE04LLR	**VESWVE04LLR**	63	63
	06	A	G 1/8A	4.5	5.0	14	15.5	10.0	10.0	6	21.5	22	14	14	12	28	SWVE06LLR	**VESWVE06LLR**	63	63
	08	A	G 1/8A	6.0	5.0	14	16.5	11.0	10.0	6	21.0	23	14	14	14	30	SWVE08LLR	**VESWVE08LLR**	63	63
L	06	A	G 1/8A	4.0	5.0	14	17.5	10.5	10.0	6	21.0	25	14	14	14	31	SWVE06LR	**VESWVE06LR**	160	160
	08	A	G 1/4A	6.0	6.5	18	20.0	13.0	13.0	9	27.0	28	19	19	17	65	SWVE08LR	**VESWVE08LR**	160	160
	10	A	G 1/4A	8.0	6.5	18	21.0	14.0	13.0	9	27.0	29	19	19	19	66	SWVE10LR	**VESWVE10LR**	160	160
	12	A	G 3/8A	10.0	8.5	22	22.5	15.5	15.0	9	32.0	30	22	22	22	102	SWVE12LR	**VESWVE12LR**	100	100
	15	A	G 1/2A	12.0	11.0	26	26.0	19.0	18.0	11	37.5	34	27	27	27	171	SWVE15LR	**VESWVE15LR**	100	100
	18	A	G 1/2A	15.0	12.0	26	28.0	20.5	21.5	11	44.0	37	30	27	32	249	SWVE18LR	**VESWVE18LR**	100	100
	22	A	G 3/4A	19.0	18.0	32	33.0	25.5	24.0	13	49.0	42	36	32	36	349	SWVE22LR	**VESWVE22LR**	100	100
S	06	A	G 1/4A	4.0	6.5	18	22.0	15.0	13.0	9	27.0	30	19	19	17	69	SWVE06SR	**VESWVE06SR**	160	160
	08	A	G 1/4A	5.0	6.5	18	22.0	15.0	13.0	9	27.0	30	19	19	19	73	SWVE08SR	**VESWVE08SR**	160	160
	10	A	G 3/8A	7.0	8.5	22	23.5	16.0	15.0	9	32.0	32	22	22	22	108	SWVE10SR	**VESWVE10SR**	100	100
	12	A	G 3/8A	8.0	8.0	22	24.5	17.0	18.0	9	37.0	33	24	24	24	147	SWVE12SR	**VESWVE12SR**	100	100
	14	A	G 1/2A	10.0	11.0	26	28.0	20.0	18.0	11	37.0	38	27	27	27	177	SWVE14SR	**VESWVE14SR**	100	100
	16	A	G 1/2A	12.0	12.0	26	30.0	21.5	21.5	11	44.0	40	30	27	30	249	SWVE16SR	**VESWVE16SR**	100	100
	20	A	G 3/4A	16.0	18.0	32	35.0	24.5	24.0	13	49.0	46	36	32	36	359	SWVE20SR	**VESWVE20SR**	100	100

* S1 - Dimensions may vary according to the forged body

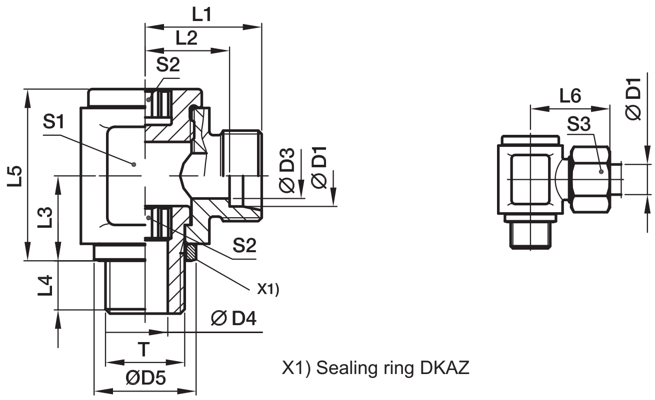
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) Sealing ring DKAZ

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C
L	06	M 10x1	4	4.0	14	19.5	12.5	12	8	24	27	18	6	14	51	DSVW06LM	**VEDSVW06LM**	160	160
	08	M 12x1.5	6	5.5	17	21.5	14.5	15	12	30	29	22	6	17	86	DSVW08LM	**VEDSVW08LM**	160	160
	10	M 14x1.5	8	7.0	19	22.5	15.5	16	12	30	30	22	8	19	87	DSVW10LM	**VEDSVW10LM**	100	100
	12	M 16x1.5	10	8.0	21	25.0	18.0	18	12	37	33	27	10	22	145	DSVW12LM	**VEDSVW12LM**	100	100
	15	M 18x1.5	12	10.0	23	28.0	21.0	20	12	40	36	30	12	27	197	DSVW15LM	**VEDSVW15LM**	100	100
	18	M 22x1.5	15	14.0	27	29.0	21.5	23	14	46	38	36	14	32	264	DSVW18LM	**VEDSVW18LM**	100	100
	22	M 26x1.5	19	17.5	31	33.5	26.0	25	16	51	42	41	17	36	379	DSVW22LM	**VEDSVW22LM**	100	100
	28	M 33x2	24	22.0	39	39.0	31.5	32	18	64	48	50	22	41	682	DSVW28LM	**VEDSVW28LM**	100	100
	35	M 42x2	30	27.5	49	46.0	35.5	37	20	76	57	60	27	50	1146	DSVW35LM	**VEDSVW35LM**	63	63
	42	M 48x2	36	32.5	55	51.0	40.0	42	22	85	63	70	32	60	1706	DSVW42LM	**VEDSVW42LM**	63	63
S	06	M 12x1.5	4	5.5	17	23.5	16.5	15	12	30	31	22	6	17	90	DSVW06SM	**VEDSVW06SM**	160	160
	08	M 14x1.5	5	7.0	19	23.5	16.5	16	12	30	31	22	8	19	90	DSVW08SM	**VEDSVW08SM**	160	160
	10	M 16x1.5	7	8.0	21	26.0	18.5	18	12	37	35	27	10	22	154	DSVW10SM	**VEDSVW10SM**	100	100
	12	M 18x1.5	8	10.0	23	28.0	20.5	20	12	41	37	30	12	24	199	DSVW12SM	**VEDSVW12SM**	100	100
	14	M 20x1.5	10	12.0	25	31.0	23.0	21	14	42	41	32	12	27	239	DSVW14SM	**VEDSVW14SM**	100	100
	16	M 22x1.5	12	14.0	27	31.0	22.5	23	14	46	41	36	14	30	268	DSVW16SM	**VEDSVW16SM**	100	100
	20	M 27x2	16	17.5	32	38.0	27.5	28	16	58	49	46	17	36	532	DSVW20SM	**VEDSVW20SM**	100	100
	25	M 33x2	20	22.0	39	43.0	31.0	32	18	64	55	50	22	46	728	DSVW25SM	**VEDSVW25SM**	100	100
	30	M 42x2	25	27.5	49	40.0	36.5	37	20	76	63	60	27	50	1222	DSVW30SM	**VEDSVW30SM**	63	63
	38	M 48x2	32	32.5	55	56.0	41.0	42	22	85	72	70	32	60	1820	DSVW38SM	**VEDSVW38SM**	63	63

* S1 - Dimensions may vary according to the forged body

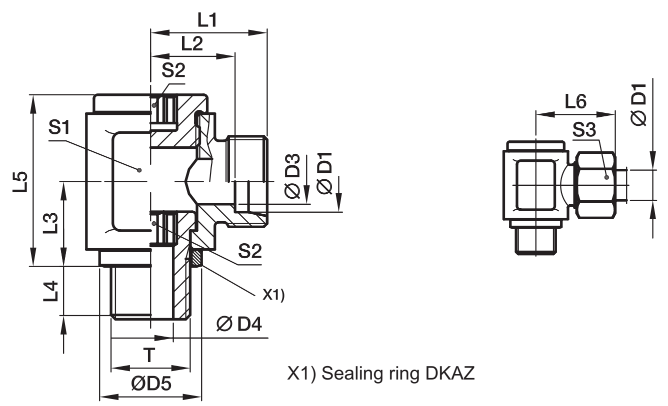
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) Sealing ring DKAZ

Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	L6	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	W.P. = IN BAR A3C
L	06	G 1/8 A	4	4.0	14	19.5	12.5	12	8	24	27	14	18	6	51	DSVW06LR	**VEDSVW06LR**	160	160
	08	G 1/4 A	6	6.0	18	21.5	14.5	16	12	30	29	17	22	8	85	DSVW08LR	**VEDSVW08LR**	160	160
	10	G 1/4 A	8	6.0	18	22.5	15.5	16	12	30	30	19	22	8	88	DSVW10LR	**VEDSVW10LR**	100	100
	12	G 3/8 A	10	8.5	22	25.0	18.0	18	12	37	33	22	27	10	147	DSVW12LR	**VEDSVW12LR**	100	100
	15	G 1/2 A	12	12.0	26	29.0	22.0	21	14	42	36	27	32	12	228	DSVW15LR	**VEDSVW15LR**	100	100
	18	G 1/2 A	15	12.0	26	29.0	21.5	23	14	46	38	32	36	12	276	DSVW18LR	**VEDSVW18LR**	100	100
	22	G 3/4 A	19	17.5	32	36.0	28.5	28	16	58	45	36	46	17	516	DSVW22LR	**VEDSVW22LR**	100	100
	28	G 1 A	24	22.0	39	39.0	31.5	32	18	64	48	41	50	22	688	DSVW28LR	**VEDSVW28LR**	100	100
	35	G 1 1/4 A	30	27.5	49	46.0	35.5	37	20	76	57	50	60	27	1147	DSVW35LR	**VEDSVW35LR**	63	63
	42	G 1 1/2 A	36	32.5	55	51.0	40.0	42	22	85	63	60	70	32	1696	DSVW42LR	**VEDSVW42LR**	63	63
S	06	G 1/4 A	4	6.0	18	23.5	16.5	16	12	30	31	17	22	8	89	DSVW06SR	**VEDSVW06SR**	160	160
	08	G 1/4 A	5	6.0	18	23.5	16.5	16	12	30	31	19	22	8	92	DSVW08SR	**VEDSVW08SR**	160	160
	10	G 3/8A	7	8.5	22	26.0	18.5	18	12	37	35	22	27	10	150	DSVW10SR	**VEDSVW10SR**	100	100
	12	G 3/8 A	8	8.5	22	26.0	18.5	18	12	37	35	24	27	10	156	DSVW12SR	**VEDSVW12SR**	100	100
	14	G 1/2 A	10	12.0	26	31.0	23.0	21	14	42	41	27	32	12	325	DSVW14SR	**VEDSVW14SR**	100	100
	16	G 1/2 A	12	12.0	26	31.0	22.5	23	14	46	41	30	36	12	275	DSVW16SR	**VEDSVW16SR**	100	100
	20	G 3/4A	16	17.5	32	38.0	27.5	28	16	58	49	36	46	17	530	DSVW20SR	**VEDSVW20SR**	100	100
	25	G 1 A	20	22.0	39	43.0	31.0	32	18	64	55	46	50	22	734	DSVW25SR	**VEDSVW25SR**	100	100
	30	G 1 1/4 A	25	27.5	49	50.0	36.5	37	20	76	63	50	60	27	1224	DSVW30SR	**VEDSVW30SR**	63	63
	38	G 1 1/2 A	32	32.5	55	57.5	41.0	42	22	85	72	60	70	32	1810	DSVW38SR	**VEDSVW38SR**	63	63

* S1 - Dimensions may vary according to the forged body

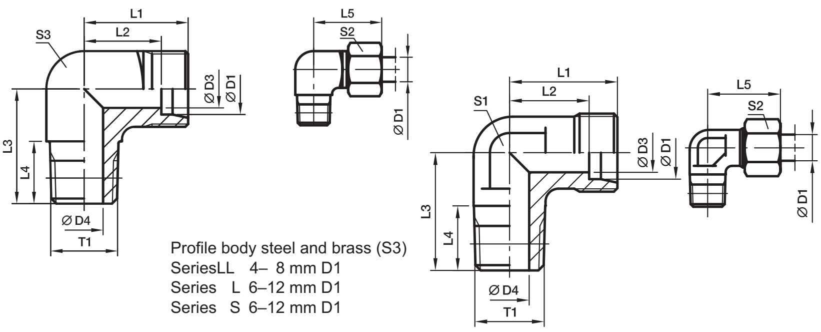
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
LL	04	1/8-27NPT	3.0	4.0	15	11.0	17	10.0	21	9	10	11	18	WE04LL1/8NPT	**VEWE04LL1/8NPT**	100	100		
	06	1/8-27NPT	4.5	4.5	15	9.5	17	10.0	21	9	12	11	17	WE06LL1/8NPT	**VEWE06LL1/8NPT**	100	100		
	08	1/8 27NPT	6.0	5.0	17	11.5	20	10.0	23	12	14	12	25	WE08LL1/8NPT	**VEWE08LL1/8NPT**	100	100		
L	06	1/8-27NPT	4.0	4.0	19	12.0	20	10.0	27	12	14	12	29	WE06L1/8NPT	**VEWE06L1/8NPT**	315	315	315	315
	06	1/4-18NPT	4.0	7.0	21	14.0	26	14.5	29	12	14	14	44	WE06L1/4NPT	**VEWE06L1/4NPT**	315	315	315	315
	06	3/8 18NPT	4.0	8.0	25	18.0	28	14.5	33	17	14	19	55	WE06L3/8NPT	**VEWE06L3/8NPT**	315	315	315	315
	08	1/8-27NPT	6.0	4.0	21	14.0	26	10.0	29	12	17	14	48	WE08L1/8NPT	**VEWE08L1/8NPT**	315	315	315	315
	08	1/4-18NPT	6.0	6.0	21	14.0	26	14.5	29	12	17	14	47	WE08L1/4NPT	**VEWE08L1/4NPT**	315	315	315	315
	10	1/4-18NPT	8.0	7.0	22	15.0	27	14.5	30	14	19	17	61	WE10L1/4NPT	**VEWE10L1/4NPT**	315	315	315	315
	10	3/8-18NPT	8.0	8.0	24	17.0	28	14.5	32	17	19	19	92	WE10L3/8NPT	**VEWE10L3/8NPT**	315	315	315	315
	12	1/4-18NPT	10.0	7.0	24	17.0	28	14.5	32	17	22	19	82	WE12L1/4NPT	**VEWE12L1/4NPT**	315	315	315	315
	12	3/8-18NPT	10.0	8.0	24	17.0	28	14.5	32	17	22	19	92	WE12L3/8NPT	**VEWE12L3/8NPT**	315	315	315	315
	12	1/2 14NPT	10.0	11.0	28	21.0	34	19.5	36	19	22		90	WE12L1/2NPT	**VEWE12L1/2NPT**	315	315	315	315
	15	1/2-14NPT	12.0	11.0	28	21.0	34	19.5	36	19	27		89	WE15L1/2NPT	**VEWE15L1/2NPT**	315	315	315	315
	18	1/2-14NPT	15.0	12.0	31	23.5	36	19.5	40	24	32		150	WE18L1/2NPT	**VEWE18L1/2NPT**	315	315	315	315
	22	3/4-14NPT	19.0	16.0	35	27.5	42	19.5	44	27	36		176	WE22L3/4NPT	**VEWE22L3/4NPT**	160	160	160	160
	28	1 11 1/2NPT	24.0	21.0	38	30.5	48	24.5	47	36	41		314	WE28L1NPT	**VEWE28L1NPT**	160	160	160	160
	35	11/4-11 1/2NPT	30.0	28.0	45	34.5	54	25.0	56	41	50		465	WE35L11/4NPT	**VEWE35L11/4NPT**	160	160	160	160
	42	11/2-11 1/2NPT	36.0	34.0	51	40.0	61	26.0	63	50	60		849	WE42L11/2NPT	**VEWE42L11/2NPT**	160	160	160	160
S	06	1/4-18NPT	4.0	4.0	23	16.0	26	14.5	31	12	17	14	56	WE06S1/4NPT	**VEWE06S1/4NPT**	630	630	630	630
	08	1/4-18NPT	5.0	5.0	24	17.0	27	14.5	32	14	19	17	73	WE08S1/4NPT	**VEWE08S1/4NPT**	630	630	630	630
	08	3/8-18NPT	5.0	8.0	25	18.0	28	14.5	33	17	19	19	77	WE08S3/8NPT	**VEWE08S3/8NPT**	630	630	630	630
	08	1/2-14NPT	5.0	10.0	30	23.0	34	19.5	38	19	19		75	WE08S1/2NPT	**VEWE08S1/2NPT**	630	630	630	630
	10	1/4 18NPT	7.0	5.0	25	17.5	28	14.5	34	17	22	19	96	WE10S1/4NPT	**VEWE10S1/4NPT**	630	630	630	630
	10	3/8-18NPT	7.0	7.0	25	17.5	28	14.5	34	17	22	19	98	WE10S3/8NPT	**VEWE10S3/8NPT**	630	630	630	630
	12	1/4-18NPT	8.0	5.0	29	21.5	29	14.5	38	17	24	22	73	WE12S1/4NPT	**VEWE12S1/4NPT**	630	630	630	630
	12	3/8-18NPT	8.0	8.0	29	22.5	28	14.5	38	17	24	22	123	WE12S3/8NPT	**VEWE12S3/8NPT**	630	630	630	630
	12	1/2-14NPT	8.0	10.0	30	22.5	34	19.5	39	19	24		107	WE12S1/2NPT	**VEWE12S1/2NPT**	630	630	630	630
	14	1/2-14NPT	10.0	10.0	30	22.0	34	19.5	40	19	27		103	WE14S1/2NPT	**VEWE14S1/2NPT**	630	630	630	630
	16	1/2-14NPT	12.0	12.0	33	24.5	36	19.5	43	24	30		157	WE16S1/2NPT	**VEWE16S1/2NPT**	400	400	400	400
	20	3/4-14NPT	16.0	16.0	37	26.5	42	19.5	48	27	36		205	WE20S3/4NPT	**VEWE20S3/4NPT**	400	400	400	400
	25	1-11 1/2NPT	20.0	20.0	42	30.0	48	24.5	54	36	46		381	WE25S1NPT	**VEWE25S1NPT**	400	400	400	400
	30	11/4-11 1/2NPT	25.0	25.0	49	35.5	54	25.0	62	41	50		598	WE30S11/4NPT	**VEWE30S11/4NPT**	400	400	400	400
	38	11/2-11 1/2NPT	32.0	32.0	57	41.0	61	26.0	72	50	60		1029	WE38S11/2NPT	**VEWE38S11/2NPT**	315	315	315	315

* S1 - Dimensions may vary according to the forged body

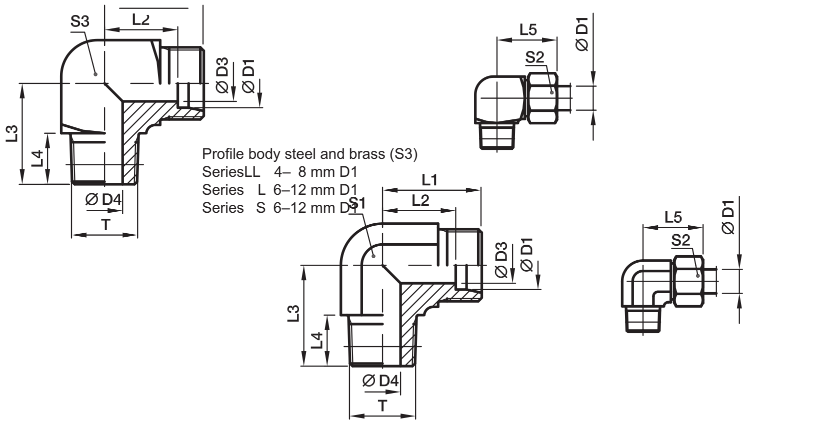
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
LL	04	M 8x1 tap.	3.0	3.5	15	11.0	17	8	21	9	10	9	14	WE04LLM	**VEWE04LLM**	100	100	100	63
	06	M 10x1 tap.	4.5	4.5	15	9.5	17	8	21	9	12	11	17	WE06LLM	**VEWE06LLM**	100	100	100	63
	08	M 10x1 tap.	6.0	6.0	17	11.5	20	8	23	12	14	12	25	WE08LLM	**VEWE08LLM**	100	100	100	63
L	06	M 10x1 tap.	4.0	4.0	19	12.0	20	8	27	12	14	12	29	WE06LM	**VEWE06LM**	315	315	315	200
	08	M 12x1.5 tap.	6.0	6.0	21	14.0	26	12	29	12	17	14	46	WE08LM	**VEWE08LM**	315	315	315	200
	10	M 14x1.5 tap.	8.0	7.0	22	15.0	27	12	30	14	19	17	62	WE10LM	**VEWE10LM**	315	315	315	200
	12	M 16x1.5 tap.	10.0	9.0	24	17.0	28	12	32	17	22	19	89	WE12LM	**VEWE12LM**	315	315	315	200
	15	M 18x1.5 tap.	12.0	11.0	28	21.0	32	12	36	19	27		78	WE15LM	**VEWE15LM**	315	315	315	200
	18	M 22x1.5 tap.	15.0	14.0	31	23.0	36	14	40	24	32		148	WE18LM	**VEWE18LM**	315	315	315	200
S	06	M 12x1.5 tap.	4.0	4.0	23	16.0	26	12	31	12	17	14	53	WE06SM	**VEWE06SM**	400	400	400	250
	08	M 14x1.5 tap.	5.0	5.0	24	17.0	27	12	32	14	19	17	78	WE08SM	**VEWE08SM**	400	400	400	250
	10	M 16x1.5 tap.	7.0	7.0	25	17.5	28	12	34	17	22	19	102	WE10SM	**VEWE10SM**	400	400	400	250
	12	M 18x1.5 tap.	8.0	8.0	29	21.5	28	12	38	17	24	22	134	WE12SM	**VEWE12SM**	400	400	400	250
	14	M 20x1.5 tap.	10.0	10.0	30	22.0	32	14	40	19	27		99	WE14SM	**VEWE14SM**	400	400	400	
	16	M 22x1.5 tap.	12.0	12.0	33	24.5	32	14	43	24	30		161	WE16SM	**VEWE16SM**	400	400	400	250

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Properties

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Material - Steel / Stainless Steel /Brass

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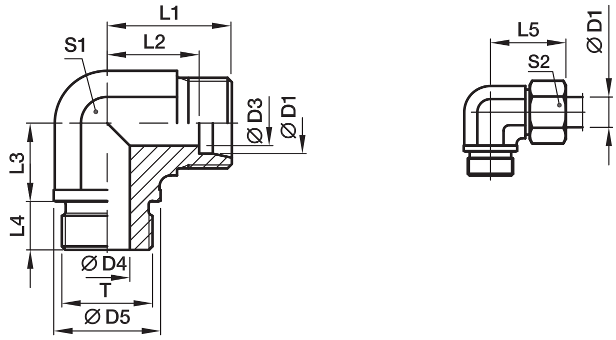
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71
L	22	M26x1.5	19	18	31	35	27.5	26	16	44	27	36	173	WE22LM	**VEWE22LM**	160	160	160
	28	M33x2	24	23	39	38	30 5	30	18	47	36	41	303	WE28LM	**VEWE28LM**	160	160	160
	35	M42x2	30	30	49	45	34·5	34	20	56	41	50	469	WE35LM	**VEWE35LM**	160	160	160
	42	M48x2	36	36	55	51	40·0	39	22	63	50	60	661	WE42LM	**VEWE42LM**	160	160	160
S	20	M27x2	16	16	32	37	26˙5	26	16	48	27	36	208	WE20SM	**VEWE20SM**	400	400	400
	25	M33x2	20	20	39	42	30·0	30	18	54	36	46	396	WE25SM	**VEWE25SM**	250	250	250
	30	M42x2	25	25	49	49	35·5	34	20	62	41	50	632	WE30SM	**VEWE30SM**	160	160	160
	38	M48x2	32	32	55	57	41·0	39	22	72	50	60	907	WE38SM	**VEWE38SM**	160	160	160

* S1 - Dimensions may vary according to the forged body

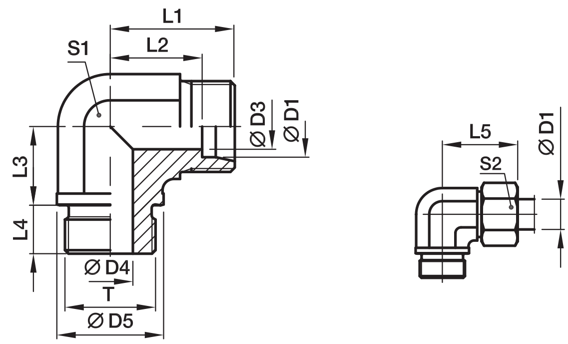
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish

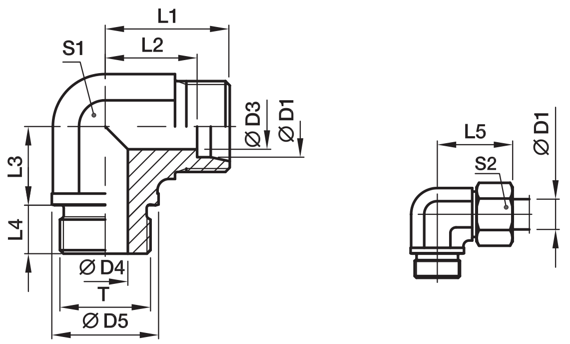


SERIES	D1	T	D3	D4	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
LL	4	R1/8TAP.	3.0	4.0	15	11.0	17	8	21	9	10	11	17	WE04LLR	**VEWE04LLR**	100	100	100	63
	6	R1/8TAP.	4.5	4.5	15	9.5	17	8	21	9	12	11	17	WE06LLR	**VEWE06LLR**	100	100	100	63
	8	R1/8TAP.	6.0	6.0	17	11.5	20	8	23	12	14	12	24	WE08LLR	**VEWE08LLR**	100	100	100	63
	10	R1/4TAP	8.0	7.0	18	12.5	23	12	24	12	17	14	36	WE10LLR	**VEWE10LLR**	100	100		
	12	R1/4TAP	10.0	7.0	19	13.0	23	12	25	14	19	17	46	WE12LLR	**VEWE12LLR**	100	100		
LL	6	R1/8TAP.	4.0	4.0	19	12.0	20	8	27	12	14	12	30	WE06LR	**VEWE06LR**	315	315	315	200
	6	R1/4TAP.	4.0	6.0	21	14.0	26	12	29	12	14	14	47	WE06LR1/4	**VEWE06LR1/4**	315	315	315	
	8	R1/4TAP.	6.0	6.0	21	14.0	26	12	29	12	17	14	46	WE08LR	**VEWE08LR**	315	315	315	200
	8	R1/8TAP.	6.0	6.0	21	14.0	26	8	29	12	17	17	49	WE08LR1/8	**VEWE08LR1/8**	315	315	315	
	8	R3/8TAP.	6.0	9.0	24	17.0	28	12	32	17	17	19	94	WE08LR3/8	**VEWE08LR3/8**	315	315	315	
	10	R1/4TAP.	8.0	7.0	22	15.0	27	12	30	14	19	17	61	WE10LR	**VEWE10LR**	315	315	315	200
	10	R3/8TAP.	8.0	9.0	24	17.0	28	12	32	17	19	19	87	WE10LR3/8	**VEWE10LR3/8**	315	315	315	
	12	R3/8TAP.	10.0	9.0	24	17.0	28	12	32	17	22	19	88	WE12LR	**VEWE12LR**	315	315	315	200
	12	R1/4TAP.	10.0	7.0	24	17.0	27	12	32	17	22	19	80	WE12LR1/4	**VEWE12LR1/4**	315	315	315	
	12	R1/2TAP.	10.0	11.0	28	21.0	34	14	36	19	22		89	WE12LR1/2	**VEWE12LR1/2**	315	315	315	
	15	R1/2TAP.	12.0	11.0	28	21.0	34	14	36	19	27		34	WE15LR	**VEWE15LR**	315	315	315	200
	18	R1/2TAP.	15.0	14.0	31	23.5	36	14	40	24	32		141	WE18LR	**VEWE18LR**	315	315	315	200
S	6	R1/4TAP.	4.0	4.0	23	16.0	26	12	31	12	17	14	56	WE06SR	**VEWE06SR**	400	400	400	250
	6	R3/8TAP.	4.0	7.0	25	18.0	28	12	33	17	17	19	61	WE06SR3/8	**VEWE06SR3/8**	400	400	400	
	8	R1/4TAP.	5.0	5.0	24	17.0	27	12	32	14	19	17	73	WE08SR	**VEWE08SR**	400	400	400	250
	8	R3/8TAP.	5.0	7.0	25	18.0	28	12	33	17	19	19	63	WE08SR3/8	**VEWE08SR3/8**	400	400	400	
	10	R3/8TAP.	7.0	7.0	25	17.5	28	12	34	17	22	19	104	WE10SR	**VEWE10SR**	400	400	400	250
	10	R1/4TAP.	7.0	5.0	25	17.5	28	12	34	17	22	19	53	WE10SR1/4	**VEWE10SR1/4**	400	400	400	
	10	R1/2TAP.	7.0	10.0	30	22.5	32	14	39	19	22		98	WE10SR1/2	**VEWE10SR1/2**	400	400	400	
	12	R3/8TAP.	8.0	8.0	29	21.5	28	12	38	17	24	22	126	WE12SR	**VEWE12SR**	400	400	400	250
	12	R1/2TAP.	8.0	11.0	30	22.5	32	14	39	19	24		27	WE12SR1/2	**VEWE12SR1/2**	400	400	400	
	14	R1/2TAP.	10.0	10.0	30	22.0	32	14	40	19	27		101	WE14SR	**VEWE14SR**	400	400	400	250
	16	R1/2TAP.	12.0	12.0	33	24.5	32	14	43	24	30		150	WE16SR	**VEWE16SR**	250	400	400	250

* S1 - Dimensions may vary according to the forged body

Properties

Properties
Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish



SERIES	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	WEIGHT g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
L	22	G3/4A	19	18	32	35	27.5	26	16	44	27	36	168	WE22LR	**VEWE22LR**	160	160	160	100
	28	G1A	24	23	39	38	30.5	30	18	47	36	41	305	WE28LR	**VEWE28LR**	160	160	160	100
	35	G11/4A	30	30	49	45	34.5	34	20	56	41	50	465	WE35LR	**VEWE35LR**	160	160	160	100
	42	G11/2A	36	36	55	51	40.0	39	22	63	50	60	706	WE42LR	**VEWE42LR**	160	160	160	100
S	20	G3/4A	16	16	32	37	26.5	26	16	48	27	36	210	WE20SR	**VEWE20SR**	400	400	400	250
	25	G1A	20	20	39	42	30.0	30	18	54	36	46	388	WE25SR	**VEWE25SR**	250	250	250	160
	30	G11/4A	25	25	49	49	35.5	34	20	62	41	50	360	WE30SR	**VEWE30SR**	160	160	160	100
	38	G11/2A	32	32	55	57	41.0	39	22	72	50	60	888	WE38SR	**VEWE38SR**	160	160	160	100

* S1 - Dimensions may vary according to the forged body

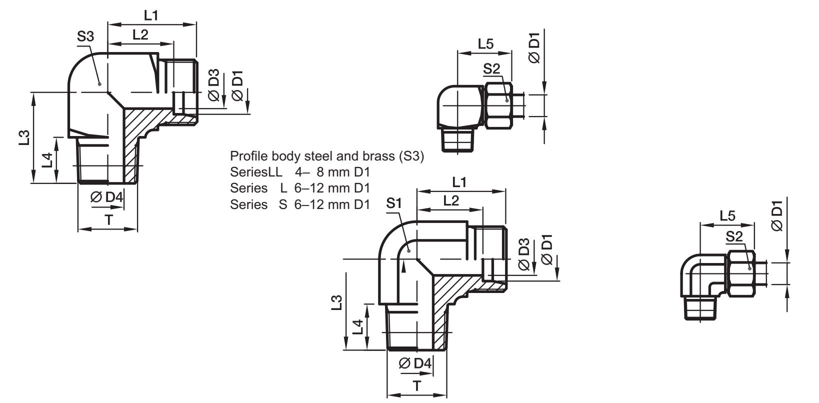
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR			
																CF	A3C	71	MS
LL	04	R1/8tap.	3.0	4.0	15	11.0	17	8	21	9	10	11	17	WE04LLR	**VEWE04LLR**	100	100	100	63
	06	R1/8tap.	4.5	4.5	15	9.5	17	8	21	9	12	11	17	WE06LLR	**VEWE06LLR**	100	100	100	63
	08	R1/8tap.	6.0	6.0	17	11.5	20	8	23	12	14	12	24	WE08LLR	**VEWE08LLR**	100	100	100	63
	10	R1/4tap.	8.0	7.0	18	12.5	23	12	24	12	17	14	36	WE10LLR	**VEWE10LLR**	100	100		
	12	R1/4tap.	10	7.0	19	13.0	23	12	25	14	19	17	46	WE12LLR	**VEWE12LLR**	100	100		
L	06	R1/8tap.	4.0	4.0	19	12.0	20	8	27	12	14	12	30	WE06LR	**VEWE06LR**	315	315	315	200
	06	R1/4tap.	4.0	6.0	21	14.0	26	12	29	12	14	14	47	WE06LR1/4	**VEWE06LR1/4**	315	315	315	
	08	R1/4tap.	6.0	6.0	21	14.0	26	12	29	12	17	14	46	WE08LR	**VEWE08LR**	315	315	315	200
	08	R1/8tap.	6.0	4.0	21	14.0	26	8	29	12	17	14	49	WE08LR1/8	**VEWE08LR1/8**	315	315	315	
	08	R3/8tap.	6.0	9.0	24	17.0	28	12	32	17	17	19	94	WE08LR3/8	**VEWE08LR3/8**	315	315	315	
	10	R1/4tap.	8.0	7.0	22	15.0	27	12	30	14	19	17	61	WE10LR	**VEWE10LR**	315	315	315	200
	10	R3/8tap.	8.0	9.0	24	17.0	28	12	32	17	19	19	87	WE10LR3/8	**VEWE10LR3/8**	315	315	315	
	12	R3/8tap	10 0	9 0	24	17 0	28	12	32	17	22	19	88	WE12LR	**VEWE12LR**	315	315	315	200
	12	R1/4tap.	10.0	7.0	24	17.0	27	12	32	17	22	19	80	WE12LR1/4	**VEWE12LR1/4**	315	315	315	
	12	R1/2tap.	10.0	11.0	28	21.0	34	14	36	19	22		89	WE12LR1/2	**VEWE12LR1/2**	315	315	315	
	15	R1/2tap.	12.0	11.0	28	21.0	34	14	36	19	27		94	WE15LR	**VEWE15LR**	315	315	315	200
	18	R1/2tap.	15.0	14.0	31	23.5	36	14	40	24	32		141	WE18LR	**VEWE18LR**	315	315	315	200
S	06	R1/4tap	4 0	4 0	23	16 0	26	12	31	12	17	14	56	WE06SR	**VEWE06SR**	400	400	400	250
	06	R3/8tap.	4.0	7.0	25	18.0	28	12	33	17	17	19	61	WE06SR3/8	**VEWE06SR3/8**	400	400	400	
	08	R1/4tap.	5.0	5.0	24	17.0	27	12	32	14	19	17	73	WE08SR	**VEWE08SR**	400	400	400	250
	08	R3/8tap	5 0	7 0	25	18 0	28	12	33	17	19	19	63	WE08SR3/8	**VEWE08SR3/8**	400	400	400	
	10	R3/8tap.	7.0	7.0	25	17.5	28	12	34	17	22	19	104	WE10SR	**VEWE10SR**	400	400	400	250
	10	R1/4tap.	7.0	5˙0	25	17.5	28	12	34	17	22	19	59	WE10SR1/4	**VEWE10SR1/4**	400	400	400	
	10	R1/2tap.	7.0	10.0	30	22.5	32	14	39	19	22		98	WE10SR1/2	**VEWE10SR1/2**	400	400	400	
	12	R3/8tap.	8.0	8.0	29	21.5	28	12	38	17	24	22	126	WE12SR	**VEWE12SR**	400	400	400	250
	12	R1/2tap.	8.0	11.0	30	22.5	32	14	39	19	24		97	WE12SR1/2	**VEWE12SR1/2**	400	400	400	
	14	R1/2tap.	10.0	10 0	30	22 0	32	14	40	19	27		101	WE14SR	**VEWE14SR**	400	400	400	250
	16	R1/2tap.	12.0	12.0	33	24.5	32	14	43	24	30		150	WE16SR	**VEWE16SR**	400	400	400	250

* S1 - Dimensions may vary according to the forged body

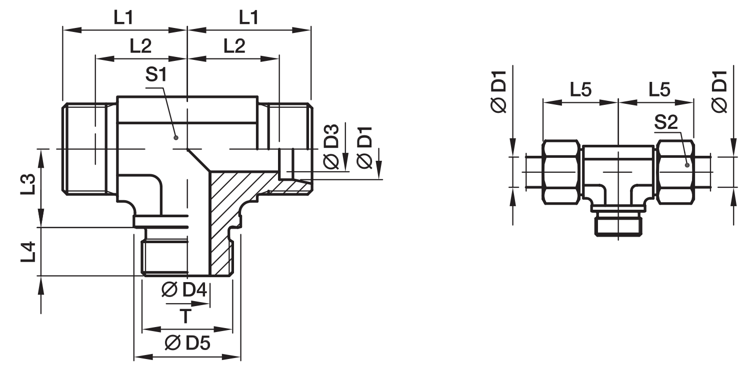
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	22	M 26x1.5	19	18	31	35	27.5	26	16	44	27	36	208	TE22LM	**VETE22LM**	160	160	160
	28	M 33x2	24	23	39	38	30.5	30	18	47	36	41	352	TE28LM	**VETE28LM**	160	160	160
	35	M 42x2	30	30	49	45	34.5	34	20	56	41	50	554	TE35LM	**VETE35LM**	160	160	160
	42	M 48x2	36	36	55	51	40.0	39	22	63	50	60	847	TE42LM	**VETE42LM**	160	160	160
S	20	M 27x2	16	16	32	37	26.5	26	16	48	27	36	265	TE20SM	**VETE20SM**	400	400	400
	25	M 33x2	20	20	39	42	30.0	30	18	54	36	46	482	TE25SM	**VETE25SM**	250	250	250
	30	M 42x2	25	25	49	49	35.5	34	20	62	41	50	772	TE30SM	**VETE30SM**	160	160	160
	38	M 48x2	32	32	55	57	41.0	39	22	72	50	60	1121	TE38SM	**VETE38SM**	160	160	160

* S1 - Dimensions may vary according to the forged body

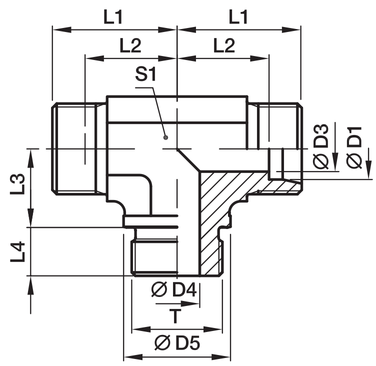
Properties

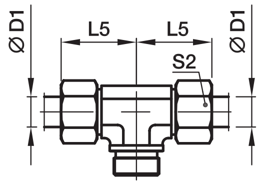
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	Weight g/1 piece	DIN CODE Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71	MS
L	22	G3/4A	19	18	32	35	27.5	26	16	44	27	36	208	TE22LR	**VETE22LR**	160	160	160	100
	28	G1A	24	23	39	38	30.5	30	18	47	36	41	378	TE28LR	**VETE28LR**	160	160	160	100
	35	G11/4A	30	30	49	45	34.5	34	20	56	41	50	554	TE35LR	**VETE35LR**	160	160	160	100
	42	G11/2A	36	36	55	51	40.0	39	22	63	50	60	847	TE42LR	**VETE42LR**	160	160	160	100
S	20	G3/4 A	16	16	32	37	26.5	26	16	48	27	36	267	TE20SR	**VETE20SR**	400	400	400	250
	25	G1A	20	20	39	42	30.0	30	18	54	36	46	485	TE25SR	**VETE25SR**	250	250	250	
	30	G1 1/4 A	25	25	49	49	35.5	34	20	62	41	50	762	TE30SR	**VETE30SR**	160	160	160	
	38	G1 1/2 A	32	32	55	57	41.0	39	22	72	50	60	1121	TE38SR	**VETE38SR**	160	160	160	

* S1 - Dimensions may vary according to the forged body

Properties

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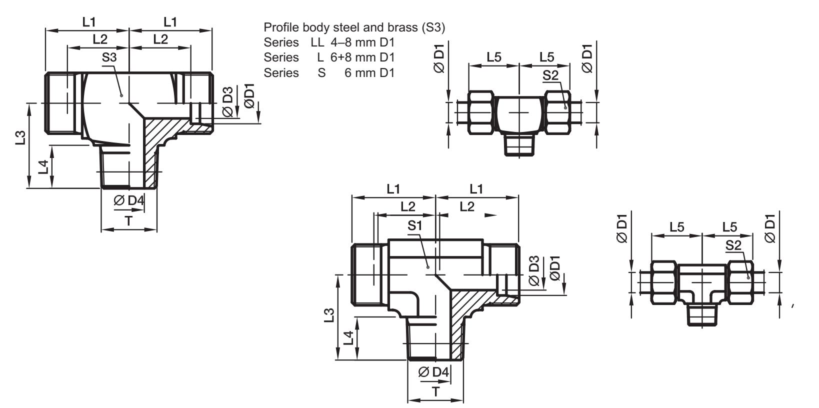
Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
LL	04	R1/8keg.	3.0	4.0	15	11.0	17	8	21	9	10	11	21	TE04LLR	**VETE04LLR**	100	100	100	63
	06	R1/8keg.	4.5	4.5	15	9.5	17	8	21	9	12	11	21	TE06LLR	**VETE06LLR**	100	100	100	63
	08	R1/8keg.	6.0	6.0	17	11.5	20	8	23	12	14	12	29	TE08LLR	**VETE08LLR**	100	100	100	63
L	06	R1/8keg.	4.0	4.0	19	12.0	20	8	27	12	14	12	38	TE06LR	**VETE06LR**	315	315	315	200
	08	R1/4keg.	6.0	6.0	21	14.0	26	12	29	12	17	14	58	TE08LR	**VETE08LR**	315	315	315	200
	10	R1/4keg.	8.0	7.0	22	15.0	27	12	30	14	19		43	TE10LR	**VETE10LR**	315	315	315	200
	12	R3/8keg.	10.0	9.0	24	17.0	28	12	32	17	22		61	TE12LR	**VETE12LR**	315	315	315	200
	15	R1/2keg.	12.0	11.0	28	21.0	34	14	36	19	27		113	TE15LR	**VETE15LR**	315	315	315	200
	18	R1/2keg.	15.0	14.0	31	23.5	36	14	40	24	32		149	TE18LR	**VETE18LR**	315	315	315	200
S	06	R1/4keg.	4.0	4.0	23	16.0	26	12	31	12	17	14	73	TE06SR	**VETE06SR**	400	400	400	250
	08	R1/4keg.	5.0	5.0	24	17.0	27	12	32	14	19		61	TE08SR	**VETE08SR**	400	400	400	250
	10	R3/8keg.	7.0	7.0	25	17.5	28	12	34	17	22		82	TE10SR	**VETE10SR**	400	400	400	250
	12	R3/8keg.	8.0	8.0	29	21.5	28	12	38	17	24		105	TE12SR	**VETE12SR**	400	400	400	250
	14	R1/2keg.	10.0	10.0	30	22.0	32	14	40	19	27		134	TE14SR	**VETE14SR**	400	400	400	250
	16	R1/2keg.	12.0	12.0	33	24.5	32	14	43	24	30		175	TE16SR	**VETE16SR**	400	400	400	250

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Properties

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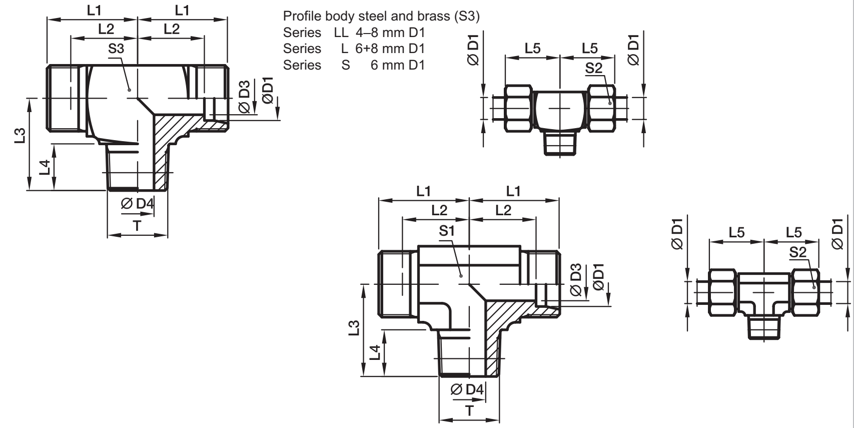

Series	D1	T	D3	D4	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
LL	04	M8x1tap.	3.0	3.5	15	11.0	17	8	21	9	10	9	17	TE04LLM	**VETE04LLM**	100	100	100
	06	M10x1tap.	4.5	4.5	15	9.5	17	8	21	9	12	11	20	TE06LLM	**VETE06LLM**	100	100	100
	08	M10x1tap.	6.0	6.0	17	11.5	20	8	23	12	14	12	29	TE08LLM	**VETE08LLM**	100	100	100
L	06	M10x1tap.	4.0	4.0	19	12.0	20	8	27	12	14	12	38	TE06LM	**VETE06LM**	315	315	315
	08	M12x1.5tap.	6.0	6.0	21	14.0	26	12	29	12	17	14	54	TE08LM	**VETE08LM**	315	315	315
	10	M14x1.5tap.	8.0	7.0	22	15.0	27	12	30	14	19		45	TE10LM	**VETE10LM**	315	315	315
	12	M16x1.5tap.	10.0	9.0	24	17.0	28	12	32	17	22		60	TE12LM	**VETE12LM**	315	315	315
	15	M18x1.5tap.	12.0	11.0	28	21.0	32	14	36	19	27		100	TE15LM	**VETE15LM**	315	315	315
	18	M22x1.5tap.	15.0	14.0	31	23.5	36	14	40	24	32		149	TE18LM	**VETE18LM**	315	315	315
S	06	M12x1.5tap.	4.0	4.0	23	16.0	26	12	31	12	17	14	69	TE06SM	**VETE06SM**	400	400	400
	08	M14x1.5tap.	5.0	5.0	24	17.0	27	12	32	14	19		98	TE08SM	**VETE08SM**	400	400	400
	10	M16x1.5tap.	7.0	7.0	25	17.5	28	12	34	17	22		82	TE10SM	**VETE10SM**	400	400	400
	12	M18x1.5tap.	8.0	8.0	29	21.5	28	12	38	17	24		106	TE12SM	**VETE12SM**	400	400	400
	14	M20x1.5tap.	10.0	10.0	30	22.0	32	14	40	19	27		126	TE14SM	**VETE14SM**	400	400	400
	16	M22x1.5tap.	12.0	12.0	33	24.5	32	14	43	24	30		177	TE16SM	**VETE16SM**	400	400	400

* S1 - Dimensions may vary according to the forged body

Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

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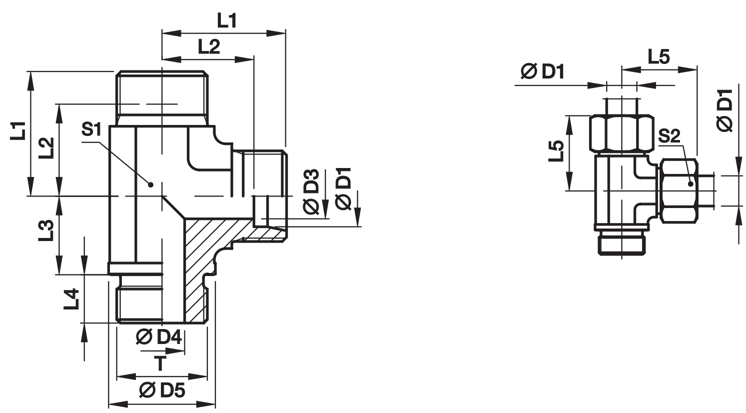
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	22	M 26x1.5	19	18	31	35	27.5	26	16	44	27	36	225	LE22LM	**VELE22LM**	160	160	160
	28	M 33x2	24	23	39	38	30.5	30	18	47	36	41	382	LE28LM	**VELE28LM**	160	160	160
	35	M 42x2	30	30	49	45	34.5	34	20	56	41	50	583	LE35LM	**VELE35LM**	160	160	160
	42	M 48x2	36	36	55	51	40.0	39	22	63	50	60	821	LE42LM	**VELE42LM**	160	160	160
S	20	M 27x2	16	16	32	37	26.5	26	16	48	27	36	264	LE20SM	**VELE20SM**	400	400	400
	25	M 33x2	20	20	39	42	30.0	30	18	54	36	46	497	LE25SM	**VELE25SM**	250	250	250
	30	M 42x2	25	25	49	49	35.5	34	20	62	41	50	744	LE30SM	**VELE30SM**	160	160	160
	38	M 48x2	32	32	55	57	41.0	39	22	72	50	60	1111	LE38SM	**VELE38SM**	160	160	160

* S1 - Dimensions may vary according to the forged body

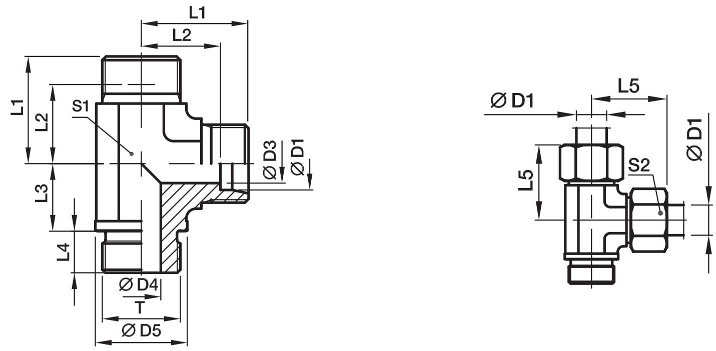
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish

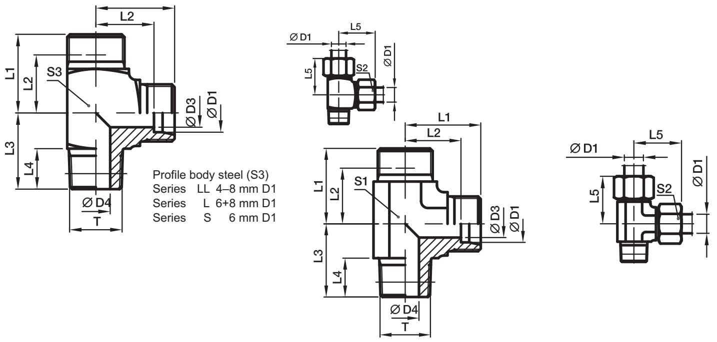


Series	D1	T	D3	D4	D5	L1	L2	L3	L4	L5	S1	S2	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR		
																CF	A3C	71
L	22	G3/4A	19	18	32	35	27.5	26	16	44	27	36	225	LE22LR	**VELE22LR**	160	160	160
	28	G1A	24	23	39	38	30.5	30	18	47	36	41	358	LE28LR	**VELE28LR**	160	160	160
	35	G1 1/4A	30	30	49	45	34.5	34	20	56	41	50	583	LE35LR	**VELE35LR**	160	160	160
	42	G1 1/2A	36	36	55	51	40.0	39	22	63	50	60	821	LE42LR	**VELE42LR**	160	160	160
S	20	G3/4A	16	16	32	37	26.5	26	16	48	27	36	259	LE20SR	**VELE20SR**	400	400	400
	25	G1A	20	20	39	42	30.0	30	18	54	36	46	495	LE25SR	**VELE25SR**	250	250	250
	30	G1 1/4A	25	25	49	49	35.5	34	20	62	41	50	744	LE30SR	**VELE30SR**	160	160	160
	38	G1 1/2A	32	32	55	57	41.0	39	22	72	50	60	1111	LE38SR	**VELE38SR**	160	160	160

* S1 - Dimensions may vary according to the forged body

Properties

Properties
Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
LL	04	R1/8keg.	3.0	4.0	15	11.0	17	8	21	9	10	11	20	LE04LLR	**VELE04LLR**	100	100	100
	06	R1/8keg.	4.5	4.5	15	9.5	17	8	21	9	12	11	21	LE06LLR	**VELE06LLR**	100	100	100
	08	R1/8keg.	6.0	6.0	17	11.5	20	8	23	12	14	12	28	LE08LLR	**VELE08LLR**	100	100	100
L	06	R1/8keg.	4.0	4.0	19	12.0	20	8	27	12	14	12	40	LE06LR	**VELE06LR**	315	315	315
	08	R1/4keg.	6.0	6.0	21	14.0	26	12	29	12	17	14	57	LE08LR	**VELE08LR**	315	315	315
	10	R1/4keg.	8.0	7.0	22	15.0	27	12	30	14	19		50	LE10LR	**VELE10LR**	315	315	315
	12	R3/8keg.	10.0	9.0	24	17.0	28	12	32	17	22		60	LE12LR	**VELE12LR**	315	315	315
	15	R1/2keg.	12.0	11.0	28	21.0	34	14	36	19	27		115	LE15LR	**VELE15LR**	315	315	315
	18	R1/2keg.	15.0	14.0	31	23.5	36	14	40	24	32		145	LE18LR	**VELE18LR**	315	315	315
S	06	R1/4keg	4 0	4 0	23	16 0	26	12	31	12	17	14	71	LE06SR	**VELE06SR**	400	400	400
	08	R1/4keg.	5.0	5.0	24	17.0	27	12	32	14	19		62	LE08SR	**VELE08SR**	400	400	400
	10	R3/8keg.	7.0	7.0	25	17.5	28	12	34	17	22		82	LE10SR	**VELE10SR**	400	400	400
	12	R3/8keg.	8.0	8.0	29	21.5	28	12	38	17	24		102	LE12SR	**VELE12SR**	400	400	400
	14	R1/2keg.	10.0	10.0	30	22.0	32	14	40	19	27		130	LE14SR	**VELE14SR**	400	400	400
	16	R1/2keg.	12.0	12.0	33	24.5	32	14	43	24	30		193	LE16SR	**VELE16SR**	400	400	400

* S1 - Dimensions may vary according to the forged body

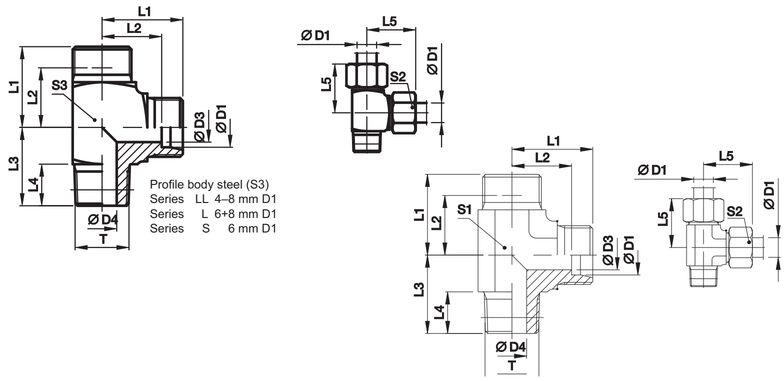
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T	D3	D4	L1	L2	L3	L4	L5	S1	S2	S3	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
LL	04	M8x1tap.	3.0	3.5	15	11.0	17	8	21	9	10	9	17	LE04LLM	**VELE04LLM**	100	100	100
	06	M10x1tap.	4.5	4.5	15	9.5	17	8	21	9	12	11	21	LE06LLM	**VELE06LLM**	100	100	100
	08	M10x1tap.	6.0	6.0	17	11.5	20	8	23	12	14	12	29	LE08LLM	**VELE08LLM**	100	100	100
L	06	M10x1tap.	4.0	4.0	19	12.0	20	8	27	12	14	12	38	LE06LM	**VELE06LM**	315	315	315
	08	M12x1.5tap.	6.0	6.0	21	14.0	26	12	29	12	17	14	56	LE08LM	**VELE08LM**	315	315	315
	10	M14x1.5tap.	8.0	7.0	22	15.0	27	12	30	14	19		47	LE10LM	**VELE10LM**	315	315	315
	12	M16x1.5tap.	10.0	9.0	24	17.0	28	12	32	17	22		58	LE12LM	**VELE12LM**	315	315	315
	15	M18x1.5tap.	12.0	11.0	28	21.0	32	12	36	19	27		98	LE15LM	**VELE15LM**	315	315	315
	18	M22x1.5tap.	15.0	14.0	31	23.5	36	14	40	24	32		156	LE18LM	**VELE18LM**	315	315	315
S	06	M12x1.5tap.	4.0	4.0	23	16.0	26	12	31	12	17	14	70	LE06SM	**VELE06SM**	400	400	400
	08	M14x1.5tap.	5.0	5.0	24	17.0	27	12	32	14	19		66	LE08SM	**VELE08SM**	400	400	400
	10	M16x1.5tap.	7.0	7.0	25	17.5	28	12	34	17	22		123	LE10SM	**VELE10SM**	400	400	400
	12	M18x1.5tap.	8 0	8 0	29	21 5	28	12	38	17	24		169	LE12SM	**VELE12SM**	400	400	400
	14	M20x1.5tap.	10.0	10.0	30	22.0	32	14	40	19	27		174	LE14SM	**VELE14SM**	400	400	400
	16	M22x1.5tap.	12.0	12.0	33	24.5	32	14	43	24	30		178	LE16SM	**VELE16SM**	400	400	400

* S1 - Dimensions may vary according to the forged body

VEGAI-M FEMALE CONNECTOR

DIN 2353 24° CONE TYPE

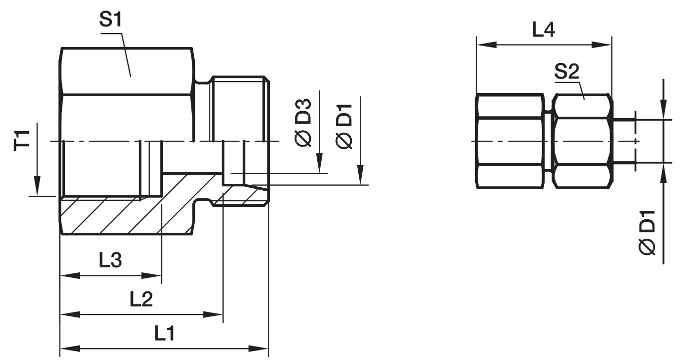
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T1	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR		
													CF	A3C	71
L	06	M10x1	4	26.5	19.5	12.5	34	14	14	18	GAI06LM	**VEGAI06LM**	315	315	315
	08	M12x1.5	6	31.0	24.0	17.0	39	17	17	32	GAI08LM	**VEGAI08LM**	315	315	315
	10	M14x1.5	8	32.0	25.0	17.0	40	19	19	39	GAI10LM	**VEGAI10LM**	315	315	315
	12	M16x1.5	10	33.0	26.0	17.0	41	22	22	52	GAI12LM	**VEGAI12LM**	315	315	315
	15	M18x1.5	12	35.0	28.0	17.0	43	24	27	68	GAI15LM	**VEGAI15LM**	315	315	315
	18	M22x1.5	15	37.0	29.5	19.0	46	30	32	111	GAI18LM	**VEGAI18LM**	315	315	315
	22	M26x1.5	19	42.0	34.5	21.0	51	32	36	213	GAI22LM	**VEGAI22LM**	160	160	160
	28	M33x2	24	45.0	37.5	24.0	54	41	41	211	GAI28LM	**VEGAI28LM**	160	160	160
	35	M42x2	30	51.0	40.5	26.0	62	55	50	459	GAI35LM	**VEGAI35LM**	160	160	160
	42	M48x2	36	53.0	42.0	28.0	65	60	60	522	GAI42LM	**VEGAI42LM**	160	160	160
S	06	M12x1.5	4	33.0	26.0	17.0	41	17	17	35	GAI06SM	**VEGAI06SM**	400	400	400
	08	M14x1.5	5	33.0	26.0	17.0	41	17	19	42	GAI08SM	**VEGAI08SM**	400	400	400
	10	M16x1.5	7	34.0	26.5	17.0	43	22	22	58	GAI10SM	**VEGAI10SM**	400	400	400
	12	M18x1.5	8	35.0	27.5	17.0	44	24	24	70	GAI12SM	**VEGAI12SM**	400	400	400
	14	M20x1 5	10	39 0	31 0	19 0	49	27	27	95	GAI14SM	**VEGAI14SM**	400	400	400
	16	M22x1.5	12	39.0	30.5	19.0	49	30	30	114	GAI16SM	**VEGAI16SM**	400	400	400
	20	M27x2	16	45.0	34.5	22.0	56	36	36	189	GAI20SM	**VEGAI20SM**	315	315	315
	25	M33x2	20	49.0	37.0	24.0	61	41	46	235	GAI25SM	**VEGAI25SM**	315	315	315
	30	M42x2	25	55.0	41.5	26.0	68	55	50	490	GAI30SM	**VEGAI30SM**	315	315	315
	38	M48x2	32	59.0	43.0	28.0	74	60	60	597	GAI38SM	**VEGAI38SM**	250	250	250

* S1 - Dimensions may vary according to the forged body

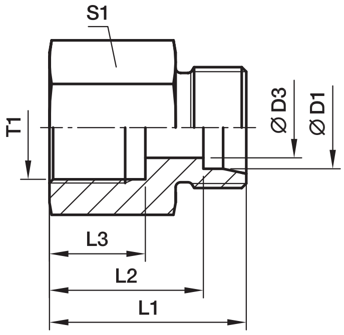
Properties

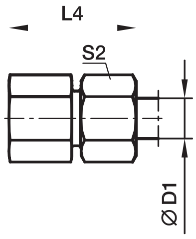
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





Series	D1	T	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71	MS
L	06	G1/8	4	26.0	19.0	12.0	34	14	14	18	GAI06LR	**VEGAI06LR**	315	315	315	200
	06	G1/4	4	31.0	24.0	17.0	39	19	14	39	GAI06LR1/4	**VEGAI06LR1/4**	315	315	315	200
	08	G1/4	6	31.0	24.0	17.0	39	19	17	39	GAI08LR	**VEGAI08LR**	315	315	315	200
	08	G3/8	6	32.0	25.0	17.0	40	24	17	61	GAI08LR3/8	**VEGAI08LR3/8**	315	315	315	200
	08	G1/2	6	36.0	29.0	20.0	44	27	17	80	GAI08LR1/2	**VEGAI08LR1/2**	315	315	315	200
	10	G1/4	8	32.0	25.0	17.0	40	19	19	40	GAI10LR	**VEGAI10LR**	315	315	315	200
	10	G3/8	8	33.0	26.0	17.0	41	24	19	63	GAI10LR3/8	**VEGAI10LR3/8**	315	315	315	200
	10	G1/2	8	37.0	30.0	20.0	45	27	19	81	GAI10LR1/2	**VEGAI10LR1/2**	315	315	315	200
	12	G3/8	10	33.0	26.0	17.0	41	24	22	64	GAI12LR	**VEGAI12LR**	315	315	315	200
	12	G1/2	10	37.0	30.0	20.0	45	27	22	83	GAI12LR1/2	**VEGAI12LR1/2**	315	315	315	200
	15	G1/2	12	38.0	31.0	20.0	46	27	27	87	GAI15LR	**VEGAI15LR**	315	315	315	200
	18	G1/2	15	38.0	30.5	20.0	47	27	32	89	GAI18LR	**VEGAI18LR**	315	315	315	200
	18	G3/8	15	34.0	26.5	17.0	43	27	32	95	GAI18LR3/8	**VEGAI18LR3/8**	315	315	315	200
	22	G3/4	19	43.0	35.5	22.0	52	36	36	173	GAI22LR	**VEGAI22LR**	160	160	160	100
	28	G1	24	45.5	38.0	24.5	55	41	41	211	GAI28LR	**VEGAI28LR**	160	160	160	100
	35	G11/4	30	51.5	41.0	26.5	63	55	50	469	GAI35LR	**VEGAI35LR**	160	160	160	100
	42	G11/2	36	53.5	42.5	28.5	65	60	60	540	GAI42LR	**VEGAI42LR**	160	160	160	100
S	06	G1/4	4	33.0	26.0	17.0	41	19	17	43	GAI06SR	**VEGAI06SR**	400	400	400	
	08	G1/4	5	33.0	26.0	17.0	41	19	19	47	GAI08SR	**VEGAI08SR**	400	400	400	
	10	G3/8	7	34.0	26.5	17.0	43	24	22	68	GAI10SR	**VEGAI10SR**	400	400	400	
	12	G3/8	8	34.0	26.5	17.0	43	24	24	71	GAI12SR	**VEGAI12SR**	400	400	400	
	12	G1/2	8	38.0	30.5	20.0	47	30	24	121	GAI12SR1/2	**VEGAI12SR1/2**	400	400	400	
	14	G1/2	10	40.0	32.0	20.0	50	30	27	125	GAI14SR	**VEGAI14SR**	400	400	400	
	16	G1/2	12	40.0	31.5	20.0	50	30	30	126	GAI16SR	**VEGAI16SR**	400	400	400	
	20	G3/4	16	45.0	34.5	22.0	56	36	36	196	GAI20SR	**VEGAI20SR**	315	315	315	
	25	G1	20	49.5	37.5	24.5	62	41	46	246	GAI25SR	**VEGAI25SR**	315	315	315	
	30	G11/4	25	55.5	42.0	26.5	69	55	50	537	GAI30SR	**VEGAI30SR**	315	315	315	
	38	G11/2	32	59.5	43.5	28.5	74	60	60	649	GAI38SR	**VEGAI38SR**	250	250	250	

* S1 - Dimensions may vary according to the forged body

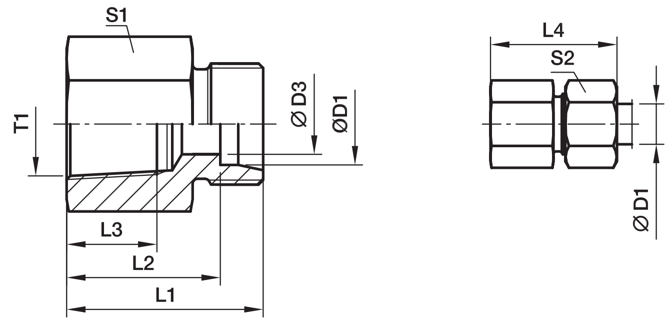
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T1	D3	L1	L2	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR		
													CF	A3C	71
L	06	1/8-27NPT	4	26.0	19.0	11.6	34	14	14	19	GAI06L1/8NPT	**VEGAI06L1/8NPT**	315	315	315
	06	1/4-18NPT	4	30.5	23.5	16.4	38	19	14	38	GAI06L1/4NPT	**VEGAI06L1/4NPT**	315	315	315
	08	1/4-18NPT	6	30.5	23.5	16.4	38	19	17	39	GAI08L1/4NPT	**VEGAI08L1/4NPT**	315	315	315
	10	1/4-18NPT	8	31.0	24.0	16.4	39	19	19	40	GAI10L1/4NPT	**VEGAI10L1/4NPT**	315	315	315
	12	3/8-18NPT	10	34.0	27.0	17.4	42	24	22	69	GAI12L3/8NPT	**VEGAI12L3/8NPT**	315	315	315
	12	1/2-14NPT	10	39.0	32.0	22.6	47	27	22	91	GAI12L1/2NPT	**VEGAI12L1/2NPT**	315	315	315
	15	1/2-14NPT	12	40.0	33.0	22.6	48	27	27	96	GAI15L1/2NPT	**VEGAI15L1/2NPT**	315	315	315
	18	1/2-14NPT	15	40.0	32.5	22.6	49	27	32	99	GAI18L1/2NPT	**VEGAI18L1/2NPT**	315	315	315
	22	3/4-14NPT	19	43.0	35.5	23.1	52	36	36	184	GAI22L3/4NPT	**VEGAI22L3/4NPT**	160	160	160
	28	1-11 1/2NPT	24	48.0	40.5	27.8	57	41	41	238	GAI28L1NPT	**VEGAI28L1NPT**	160	160	160
	35	11/4-11 1/2NPT	30	51.0	40.5	28.3	62	55	50	424	GAI35L11/4NPT	**VEGAI35L11/4NPT**	160	160	160
	42	11/2-11 1/2NPT	36	53.0	42.0	28.3	65	60	60	547	GAI42L11/2NPT	**VEGAI42L11/2NPT**	160	160	160
S	06	1/8-27NPT	4	29.0	22.0	11.6	36	14	17	25	GAI06S1/8NPT	**VEGAI06S1/8NPT**	400	400	400
	06	1/4-18NPT	4	33.0	26.0	16.4	41	19	17	41	GAI06S1/4NPT	**VEGAI06S1/4NPT**	400	400	400
	08	1/4-18NPT	5	33.0	26.0	16.4	41	19	19	42	GAI08S1/4NPT	**VEGAI08S1/4NPT**	400	400	400
	10	3/8-18NPT	7	35.0	27.0	17.4	44	24	22	74	GAI10S3/8NPT	**VEGAI10S3/8NPT**	400	400	400
	12	1/4-18NPT	8	32 5	25 0	16 4	41	22	24	81	GAI12S1/4NPT	**VEGAI12S1/4NPT**	400	400	400
	12	3/8-18NPT	8	35.0	27.5	17.4	44	24	24	76	GAI12S3/8NPT	**VEGAI12S3/8NPT**	400	400	400
	12	1/2-14NPT	8	41.0	33.5	22.6	50	27	24	101	GAI12S1/2NPT	**VEGAI12S1/2NPT**	400	400	400
	14	1/2-14NPT	10	43.0	35.0	22.6	53	27	27	108	GAI14S1/2NPT	**VEGAI14S1/2NPT**	400	400	400
	16	1/2-14NPT	12	43.0	34.5	22.6	50	27	30	111	GAI16S1/2NPT	**VEGAI16S1/2NPT**	400	400	400
	20	1/2-14NPT	16	44 0	33 5	22 6	55	32	36	129	GAI20S1/2NPT	**VEGAI20S1/2NPT**	315	315	315
	20	3/4-14NPT	16	46.0	35.5	23.1	57	36	36	214	GAI20S3/4NPT	**VEGAI20S3/4NPT**	315	315	315
	25	1-11 1/2NPT	20	53 0	41 0	27 8	65	41	46	288	GAI25S1NPT	**VEGAI25S1NPT**	315	315	315
	30	11/4-11 1/2NPT	25	57.0	43.5	28.3	70	55	50	559	GAI30S11/4NPT	**VEGAI30S11/4NPT**	315	315	315
	38	11/2-11 1/2NPT	32	59.0	43.0	28.3	74	60	60	632	GAI38S11/2NPT	**VEGAI38S11/2NPT**	250	250	250

* S1 - Dimensions may vary according to the forged body

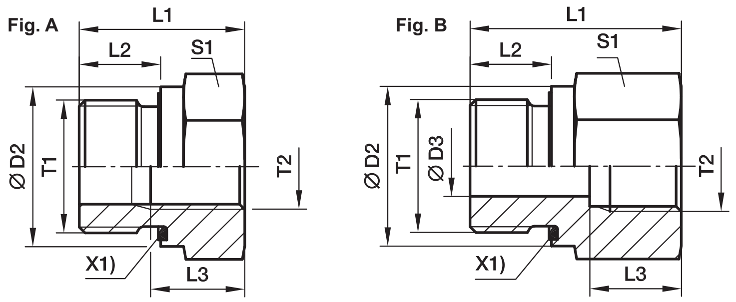
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) Eolastic-sealing ED

Male Stud T1	Female Stud T2	D2	D3	L1	L2	L3	S1	Fig.	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
G 1/8 A	G 1/4	14	4	31.0	8	17.0	19	B	41	RI1/8EDX1/4	**VERI1/8EDX1/4**	400	400	400
G 1/8 A	G 3/8	14	4	32.0	8	17.0	24	B	63	RI1/8EDX3/8	**VERI1/8EDX3/8**	400	400	400
G 1/4 A	G 1/8	19	5	29.0	12	12.0	19	B	41	RI1/4EDX1/8	**VERI1/4EDX1/8**	400	400	400
G 1/4 A	G 3/8	19	5	36.0	12	17.0	24	B	69	RI1/4EDX3/8	**VERI1/4EDX3/8**	400	400	400
G 1/4 A	G 1/2	19	5	40.0	12	20.0	30	B	120	RI1/4EDX1/2	**VERI1/4EDX1/2**	400	400	400
G 1/4 A	G 3/4	19	5	43.0	12	22.0	36	B	171	RI1/4EDX3/4	**VERI1/4EDX3/4**	400	400	400
G 3/8 A	G 1/8	22		22 5	12	8 0	22	A	38	RI3/8EDX1/8	**VERI3/8EDX1/8**	400	400	400
G 3/8 A	G 1/4	22	8	36.0	12	17.0	22	B	68	RI3/8EDX1/4	**VERI3/8EDX1/4**	400	400	400
G 3/8 A	G 1/2	22	8	41.0	12	20.0	30	B	124	RI3/8EDX1/2	**VERI3/8EDX1/2**	400	400	400
G 3/8 A	G 3/4	22	8	44.0	12	22.0	36	B	182	RI3/8EDX3/4	**VERI3/8EDX3/4**	315	315	315
G 1/2 A	G 1/8	27		24.0	14	8.0	27	A	65	RI1/2EDX1/8	**VERI1/2EDX1/8**	400	400	400
G 1/2 A	G 1/4	27		24.0	14	12.0	27	A	56	RI1/2EDX1/4	**VERI1/2EDX1/4**	400	400	400
G 1/2 A	G 3/8	27	12	37.0	14	17.0	27	B	95	RI1/2EDX3/8	**VERI1/2EDX3/8**	400	400	400
G 1/2 A	G 3/4	27	12	46.0	14	22.0	36	B	183	RI1/2EDX3/4	**VERI1/2EDX3/4**	315	315	315
G 1/2 A	G 1	27	12	49.0	14	24.5	41	B	232	RI1/2EDX1	**VERI1/2EDX1**	315	315	315
G 1/2 A	G 1 1/4	27	10	53.0	14	26.5	55	B	481	RI1/2EDX11/4	**VERI1/2EDX11/4**	315	315	315
G 3/4 A	G 1/4	32		26.0	16	12.0	32	A	103	RI3/4EDX1/4	**VERI3/4EDX1/4**	315	315	315
G 3/4 A	G 3/8	32		26.0	16	12.0	32	A	86	RI3/4EDX3/8	**VERI3/4EDX3/8**	315	315	315
G 3/4 A	G 1/2	32	16	43.0	16	20.0	32	B	156	RI3/4EDX1/2	**VERI3/4EDX1/2**	315	315	315
G 3/4 A	G 1	32	16	51.0	16	24.5	41	B	237	RI3/4EDX1	**VERI3/4EDX1**	315	315	315
G 3/4 A	G 1 1/4	32	16	55 0	16	26 5	55	B	486	RI3/4EDX11/4	**VERI3/4EDX11/4**	315	315	315
G 3/4 A	G 1 1/2	32	16	57.0	16	28.5	60	B	561	RI3/4EDX11/2	**VERI3/4EDX11/2**	250	250	250
G 1 A	G 1/4	40		29.0	18	12.0	41	A	197	RI1EDX1/4	**VERI1EDX1/4**	315	315	315
G 1 A	G 3/8	40		29.0	18	12.0	41	A	179	RI1EDX3/8	**VERI1EDX3/8**	315	315	315
G 1 A	G 1/2	40		29.0	18	14.0	41	A	153	RI1EDX1/2	**VERI1EDX1/2**	315	315	315
G 1 A	G 3/4	40	20	49.0	18	22.0	41	B	290	RI1EDX3/4	**VERI1EDX3/4**	315	315	315
G 1 A	G 1 1/4	40	20	57.0	18	26.5	55	B	503	RI1EDX11/4	**VERI1EDX11/4**	315	315	315
G 1 A	G 1 1/2	40	20	59.0	18	28.5	60	B	585	RI1EDX11/2	**VERI1EDX11/2**	250	250	250
G 1 1/4 A	G 1/2	50		32.0	20	14.0	50	A	313	RI11/4EDX1/2	**VERI11/4EDX1/2**	315	315	315
G 1 1/4 A	G 3/4	50		32.0	20	16.0	50	A	393	RI11/4EDX3/4	**VERI11/4EDX3/4**	315	315	315

* S1 - Dimensions may vary according to the forged body

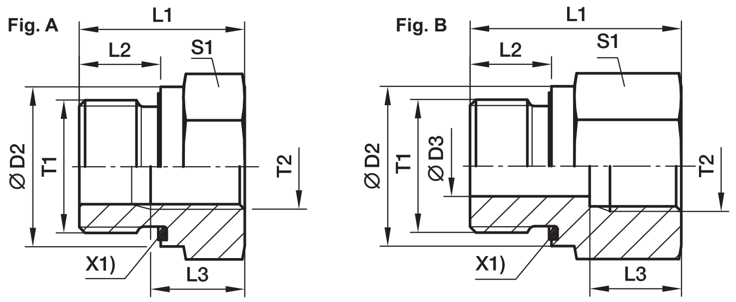
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) Eolastic-sealing ED

Male Stud T1	Female Stud T2	D2	D3	L1	L2	L3	S1	Fig.	Weight g/1 piece	DIN Order Code	VELOCK Order Code	PN (bar)[1] CF	PN (bar)[1] A3C	PN (bar)[1] 71
G 1 1/4 A	G 1	50	25	5.0	20	24.5	50	B	469	RI11/4EDX1	**VERI11/4EDX1**	315	315	315
G 1 1/4 A	G 1 1/2	50	25	60.0	20	28.5	60	B	624	RI11/4EDX11/2	**VERI11/4EDX11/2**	250	250	250
G 1 1/2 A	G 1/2	55		36.0	22	14.0	55	A	470	RI11/2EDX1/2	**VERI11/2EDX1/2**	250	250	250
G 1 1/2 A	G 3/4	55		36.0	22	16.0	55	A	415	RI11/2EDX3/4	**VERI11/2EDX3/4**	250	250	250
G 1 1/2 A	G 1	55		36.0	22	18.0	55	A	338	RI11/2EDX1	**VERI11/2EDX1**	250	250	250
G 1 1/2 A	G 1 1/4	55	32	58 0	22	26 5	55	B	542	RI11/2EDX11/4	**VERI11/2EDX11/4**	250	250	250
G 2 A	G 1 1/2	75	40	65.0	24	28.5	75	B	1309	RI2EDX11/2	**VERI2EDX11/2**	160	160	

* S1 - Dimensions may vary according to the forged body

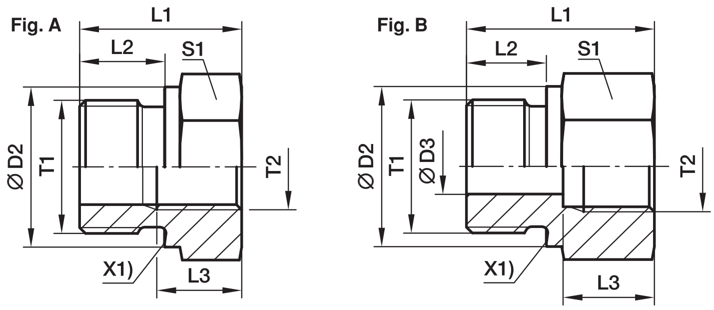
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



1) metal sealing edge

Male Stud T1	Female Stud T2	D2	D3	L1	L2	L3	S1	Fig	Weight g/1 piece	DIN CODE Order Code	**VELOCK Order Code**	W.P. = IN BAR CF	A3C	71	MS
G 1/8 A	G 1/4	14	4	31.0	8	17.0	19	B	42	RI1/8X1/4	**VERI1/8X1/4**	400	400	400	250
G 1/8 A	G 3/8	14	4	32.0	8	17.0	24	B	63	RI1/8X3/8	**VERI1/8X3/8**	400	400	400	250
G 1/4 A	G 1/8	18	5	28.0	12	12.0	19	B	38	RI1/4X1/8	**VERI1/4X1/8**	400	400	400	250
G 1/4 A	G 3/8	18	5	36.0	12	17.0	24	B	69	RI1/4X3/8	**VERI1/4X3/8**	400	400	400	250
G 1/4 A	G 1/2	18	5	40.0	12	20.0	30	B	116	RI1/4X1/2	**VERI1/4X1/2**	400	400	400	250
G 1/4 A	G 3/4	18	5	43.0	12	22.0	36	B	170	RI1/4X3/4	**VERI1/4X3/4**	315	315	315	200
G 3/8 A	G 1/8	22		22.5	12	8.0	22	A	39	RI3/8X1/8	**VERI3/8X1/8**	400	400	400	250
G 3/8 A	G 1/4	22	8	36.0	12	17.0	22	B	68	RI3/8X1/4	**VERI3/8X1/4**	400	400	400	250
G 3/8 A	G 1/2	22	8	41.0	12	20.0	30	B	125	RI3/8X1/2	**VERI3/8X1/2**	400	400	400	250
G 3/8 A	G 3/4	22	8	44.0	12	22.0	36	B	183	RI3/8X3/4	**VERI3/8X3/4**	315	315	315	200
G 1/2 A	G 1/8	26		24.0	14	8.0	27	A	66	RI1/2X1/8	**VERI1/2X1/8**	400	400	400	250
G 1/2 A	G 1/4	26		24.0	14	12.0	27	A	56	RI1/2X1/4	**VERI1/2X1/4**	315	315	315	200
G 1/2 A	G 3/8	26	12	36.0	14	17.0	27	B	94	RI1/2X3/8	**VERI1/2X3/8**	315	315	315	200
G 1/2 A	G 3/4	26	12	46.0	14	22.0	36	B	182	RI1/2X3/4	**VERI1/2X3/4**	315	315	315	200
G 1/2 A	G 1	26	12	49.0	14	24.5	41	B	221	RI1/2X1	**VERI1/2X1**	315	315	315	200
G 1/2 A	G 1 1/4	26	10	53.0	14	26.5	55	B	482	RI1/2X11/4	**VERI1/2X11/4**	160	160	160	
G 3/4 A	G 1/4	32		26.0	16	12.0	32	A	103	RI3/4X1/4	**VERI3/4X1/4**	315	315	315	200
G 3/4 A	G 3/8	32		26.0	16	12.0	32	A	87	RI3/4X3/8	**VERI3/4X3/8**	315	315	315	200
G 3/4 A	G 1/2	32	16	41.0	16	20.0	32	B	143	RI3/4X1/2	**VERI3/4X1/2**	315	315	315	200
G 3/4 A	G 1	32	16	51.0	16	24.5	41	B	235	RI3/4X1	**VERI3/4X1**	315	315	315	200
G 3/4 A	G 1 1/4	32	16	55.0	16	26.5	55	B	481	RI3/4X11/4	**VERI3/4X11/4**	160	160	160	
G 3/4 A	G 1 1/2	32	16	57.0	16	28.5	60	B	560	RI3/4X11/2	**VERI3/4X11/2**	160	160	160	
G 1 A	G 1/4	39		29.0	18	12.0	41	A	195	RI1X1/4	**VERI1X1/4**	315	315	315	
G 1 A	G 3/8	39		29.0	18	12.0	41	A	179	RI1X3/8	**VERI1X3/8**	315	315	315	200
G 1 A	G 1/2	39		29.0	18	14.0	41	A	157	RI1X1/2	**VERI1X1/2**	315	315	315	200
G 1 A	G 3/4	39	20	47.0	18	22.0	41	B	278	RI1X3/4	**VERI1X3/4**	315	315	315	200
G 1 A	G 1 1/4	39	20	57.0	18	26.5	55	B	530	RI1X11/4	**VERI1X11/4**	160	160	160	100
G 1 A	G 1 1/2	39	20	59.0	18	28.5	60	B	585	RI1X11/2	**VERI1X11/2**	160	160	160	100
G 1 1/4 A	G 1/2	49		32.0	20	14.0	50	A	308	RI11/4X1/2	**VERI11/4X1/2**	160	160	160	100
G 1 1/4 A	G 3/4	49		32.0	20	16.0	50	A	267	RI11/4X3/4	**VERI11/4X3/4**	160	160	160	100
G 1 1/4 A	G 1	49	25	52.0	20	24.5	50	B	458	RI11/4X1	**VERI11/4X1**	160	160	160	100
G 1 1/4 A	G 1 1/2	49	25	60.0	20	28.5	60	B	616	RI11/4X11/2	**VERI11/4X11/2**	160	160	160	100
G 1 1/2 A	G 1/2	55		36.0	22	14.0	55	A	477	RI11/2X1/2	**VERI11/2X1/2**	160	160	160	100
G 1 1/2 A	G 3/4	55		36.0	22	16.0	55	A	402	RI11/2X3/4	**VERI11/2X3/4**	160	160	160	100
G 1 1/2 A	G 1	55		36.0	22	18.0	55	A	337	RI11/2X1	**VERI11/2X1**	160	160	160	100
G 1 1/2 A	G 1 1/4	55	32	58.0	22	26.5	55	B	542	RI11/2X11/4	**VERI11/2X11/4**	160	160	160	100
G 2 A	G 1 1/2	68	40	62.0	24	28.5	70	B	990	RI2X11/2	**VERI2X11/2**	160	160		

* S1 - Dimensions may vary according to the forged body

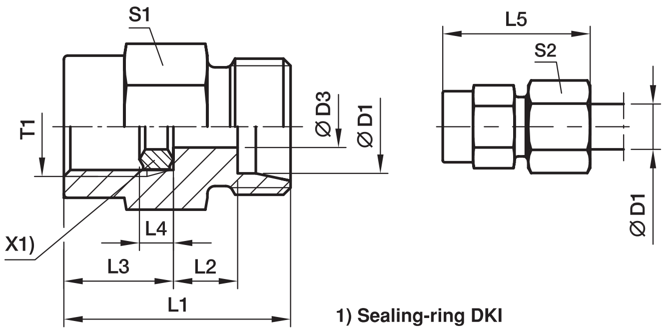
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	T1	D3	L1	L2	L3	L4	L5	S1	S2	Weight g/1 piece	DIN CODE Order code	VELOCK Order code	W.P. = IN BAR CF	A3C	71	MS
LL2	04	G1/4	2.5	27	8.5	14.5	4.5	33	19	10	33	MAV04LLR	**VEMAV04LLR**	100	100		
L3	06	G1/4	2.5	29	7.5	14.5	4.5	37	19	14	37	MAV06LR	**VEMAV06LR**	315	315	315	315
	08	G1/4	5.5	29	7.5	14.5	4.5	37	19	17	38	MAV08LR	**VEMAV08LR**	315	315	315	315
	10	G1/4	5.5	30	8.5	14.5	4.5	38	19	19	41	MAV10LR	**VEMAV10LR**	315	315	315	315
	12	G1/4	5.5	30	8.5	14.5	4.5	38	19	22	43	MAV12LR	**VEMAV12LR**	315	315	315	315
S4	06	G1/2	3.5	38	11.0	20.0	5.0	46	27	17	86	MAV06SR	**VEMAV06SR**	630	630	630	630
	08	G1/2	3.5	38	11.0	20.0	5.0	46	27	19	86	MAV08SR	**VEMAV08SR**	630	630	630	630
	10	G1/2	7.5	38	10.5	20.0	5.0	47	27	22	88	MAV10SR	**VEMAV10SR**	630	630	630	630
	12	G1/2	7.5	38	10.5	20.0	5.0	47	27	24	93	MAV12SR	**VEMAV12SR**	630	630	630	630

* S1 - Dimensions may vary according to the forged body

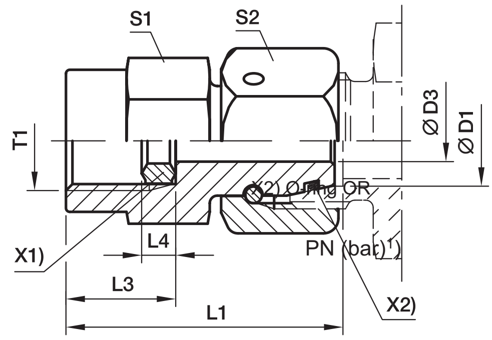
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) Sealing-ring DKI

Series	D1	T1	D3	L1	L3	L4	S1	S2	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR		
												CF	A3C	71
L	06	G1/4	2.5	35.5	14.5	4.5	19	14	46	MAVE06LR	**VEMAVE06LR**	315	315	315
	08	G1/4	4.0	35.5	14.5	4.5	19	17	52	MAVE08LR	**VEMAVE08LR**	315	315	315
	10	G1/4	5.5	36.0	14.5	4.5	19	19	59	MAVE10LR	**VEMAVE10LR**	315	315	315
	12	G1/4	5.5	36.0	14.5	4.5	19	22	70	MAVE12LR	**VEMAVE12LR**	315	315	315
S	06	G1/2	2.5	42.5	20.0	5.0	27	17	95	MAVE06SR	**VEMAVE06SR**	630	630	630
	06	G1/4	2.5	35.5	14.5	4.5	19	17	52	MAVE06SR1/4	**VEMAVE06SR1/4**	630	630	630
	08	G1/2	4.0	43.0	20.0	5.0	27	19	100	MAVE08SR	**VEMAVE08SR**	630	630	630
	08	G1/4	4.0	35.5	14.5	4.5	19	19	58	MAVE08SR1/4	**VEMAVE08SR1/4**	630	630	630
	10	G1/2	6 0	43 5	20 0	5 0	27	22	109	MAVE10SR	**VEMAVE10SR**	630	630	630
	10	G1/4	7.0	39.0	14.5	4.5	19	22	67	MAVE10SR1/4	**VEMAVE10SR1/4**	630	630	630
	12	G1/2	7.0	45.0	20.0	5.0	27	24	125	MAVE12SR	**VEMAVE12SR**	630	630	630
	12	G1/4	7.0	39.0	14.5	4.5	19	24	83	MAVE12SR1/4	**VEMAVE12SR1/4**	630	630	630

* S1 - Dimensions may vary according to the forged body

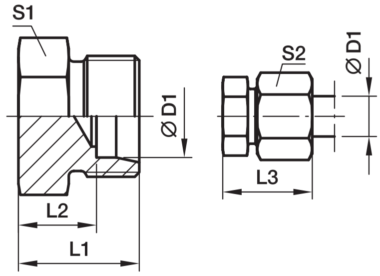
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	L1	L2	L3	S1	S2	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
L	06	14	7.0	22	12	14	8	ROV06L	**VEROV06L**	315	315	315
	08	15	8.0	23	14	17	13	ROV08L	**VEROV08L**	315	315	315
	10	16	9.0	24	17	19	17	ROV10L	**VEROV10L**	315	315	315
	12	17	10.0	25	19	22	24	ROV12L	**VEROV12L**	315	315	315
	15	18	11.0	26	24	27	41	ROV15L	**VEROV15L**	315	315	315
	18	19	11.5	28	27	32	56	ROV18L	**VEROV18L**	315	315	315
	22	21	13.5	30	32	36	84	ROV22L	**VEROV22L**	160	160	160
	28	22	14.5	31	41	41	138	ROV28L	**VEROV28L**	160	160	160
	35	25	14.5	36	46	50	203	ROV35L	**VEROV35L**	160	160	160
	42	27	16.0	39	55	60	318	ROV42L	**VEROV42L**	160	160	160
S	06	18	11.0	26	14	17	17	ROV06S	**VEROV06S**	630	630	630
	08	20	13.0	28	17	19	28	ROV08S	**VEROV08S**	630	630	630
	10	20	12.5	29	19	22	33	ROV10S	**VEROV10S**	630	630	630
	12	22	14.5	31	22	24	50	ROV12S	**VEROV12S**	630	630	630
	14	24	16.0	34	24	27	62	ROV14S	**VEROV14S**	630	630	630
	16	24	15.5	34	27	30	75	ROV16S	**VEROV16S**	400	400	400
	20	28	17.5	39	32	36	125	ROV20S	**VEROV20S**	400	400	400
	25	32	20.0	44	41	46	229	ROV25S	**VEROV25S**	400	400	400
	30	34	20.5	47	46	50	310	ROV30S	**VEROV30S**	400	400	400
	38	39	23.0	54	55	60	508	ROV38S	**VEROV38S**	315	315	315

* S1 - Dimensions may vary according to the forged body

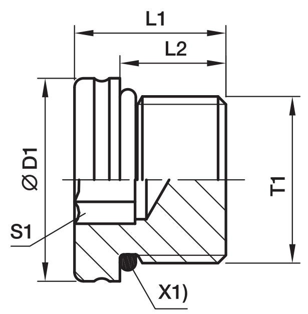
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) O-ring OR

T1	D1	L1	L2	S1	Weight g/1 piece	DIN Order Code	VELOCK Order Code	W.P. = IN BAR	
								CF	A3C
M8x1	12	13.0	9.5	4	6	VSTI8X1OR	**VEVSTI8X1OR**	630	630
M10x1	13	13.5	9.5	5	8	VSTI10X1OR	**VEVSTI10X1OR**	630	630
M12x1.5	17	16.0	11.0	6	14	VSTI12X1.5OR	**VEVSTI12X1.5OR**	630	630
M14x1.5	19	16.0	11.0	6	20	VSTI14X1.5OR	**VEVSTI14X1.5OR**	630	630
M16x1.5	21	17.5	12.5	8	26	VSTI16X1.5OR	**VEVSTI16X1.5OR**	630	630
M18x1.5	23	19.0	14.0	8	37	VSTI18X1.5OR	**VEVSTI18X1.5OR**	630	630
M22x1 5	27	20 0	15 0	10	58	VSTI22X1.5OR	**VEVSTI22X1.5OR**	630	630
M26x1.5	31	21.0	16.0	12	77	VSTI26X1.5OR	**VEVSTI26X1.5OR**	400	400
M27x2	32	23.5	18.5	12	95	VSTI27X2OR	**VEVSTI27X2OR**	400	400
M33x2	38	25.0	18.5	14	148	VSTI33X2OR	**VEVSTI33X2OR**	400	400
M42x2	48	25.5	19.0	22	233	VSTI42X2OR	**VEVSTI42X2OR**	400	400
M48x2	55	28.0	21.5	24	336	VSTI48X2OR	**VEVSTI48X2OR**	400	400

* S1 - Dimensions may vary according to the forged body

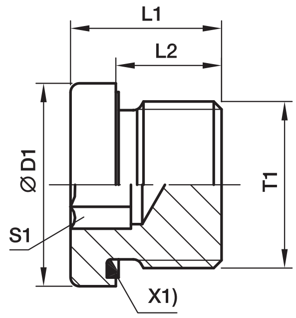
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



1) Eolastic-sealing ED

Male Matric parallel thread T1	Male Stud BSP thread	D1	L1	L2	S1	Weight g/1 piece	DIN CODE Order code	VELOCK Order Code	W.P. = IN BAR CF	A3C	71
M 10×1	G 1/8 A	14.0	12.0	8	5	8	VSTI10X1ED	**VSTI1/8ED**	400	400	400
M 12×1.5		17.0	17.0	12	6	14	VSTI12X1.5ED		400	400	400
M 14×1.5	G 1/4 A	19.0	17.0	12	6	20	VSTI14X1.5ED	**VSTI1/4ED**	400	400	400
M 16×1.5	G 3/8 A	22.0	17.0	12	8	25	VSTI16X1.5ED	**VSTI3/8ED**	400	400	400
M 18×1.5		23.9	17.0	12	8	32	VSTI18X1.5ED		400	400	400
M 20×1.5		25.9	19.0	14	10	42	VSTI20X1.5ED		400	400	400
M 22×1.5	G 1/2 A	27.0	19.0	14	10	51	VSTI22X1.5ED	**VSTI1/2ED**	400	400	400
M 26×1.5		31.9	21.0	16	12	78	VSTI26X1.5ED		400	400	400
M 27×2	G 3/4 A	32.0	21.0	16	12	79	VSTI27X2ED	**VSTI3/4ED**	400	400	400
M 33×2	G 1 A	39.9	22.5	16	17	130	VSTI33X2ED	**VSTI1ED**	400	400	400
M 42×2	G 11/4 A	49.9	22.5	16	22	198	VSTI42X2ED	**VSTI11/4ED**	315	315	315
M 48×2	G 11/2 A	55.0	22.5	16	24	263	VSTI48X2ED	**VSTI11/2ED**	315	315	315

* S1 - Dimensions may vary according to the forged body

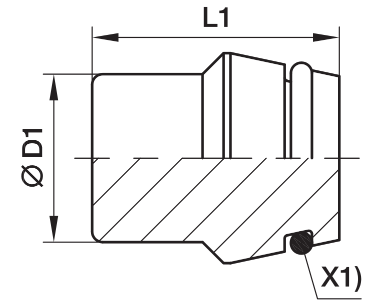
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



1) O-ring OR

Series	D1	L1	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR			
						CF	A3C	71	MS
L	06	18.5	6	VKA06	**VEVKA06**	500	315	315	200
	08	18.5	9	VKA08	**VEVKA08**	500	315	315	200
	10	20.0	15	VKA10	**VEVKA10**	500	315	315	200
	12	20.5	21	VKA12	**VEVKA12**	400	315	315	200
	15	20.5	32	VKA15	**VEVKA15**	400	315	315	200
	18	22.5	49	VKA18	**VEVKA18**	400	315	315	200
	22	25.0	80	VKA22	**VEVKA22**	250	160	160	100
	28	25.5	131	VKA28	**VEVKA28**	250	160	160	100
	35	30.0	240	VKA35	**VEVKA35**	250	160	160	100
	42	30.0	343	VKA42	**VEVKA42**	250	160	160	100
S	06	18.5	6	VKA06	**VEVKA06**	800	630	630	400
	08	18.5	9	VKA08	**VEVKA08**	800	630	630	400
	10	20.0	15	VKA10	**VEVKA10**	800	630	630	400
	12	20.5	21	VKA12	**VEVKA12**	630	630	630	400
	14	22.5	30	VKA14	**VEVKA14**	630	630	630	400
	16	23.5	40	VKA16	**VEVKA16**	630	400	400	250
	20	28.5	78	VKA20	**VEVKA20**	420	400	400	250
	25	29.0	120	VKA25	**VEVKA25**	420	400	400	250
	30	30.5	180	VKA30	**VEVKA30**	420	400	400	250
	38	33.0	309	VKA38	**VEVKA38**	420	315	315	200

* S1 - Dimensions may vary according to the forged body

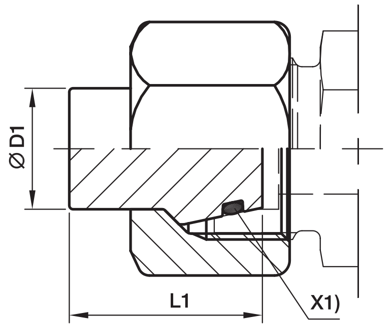
Properties

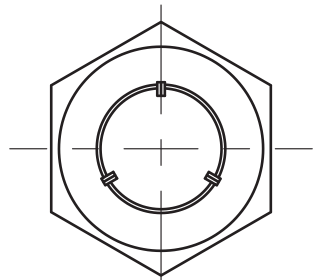
Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish





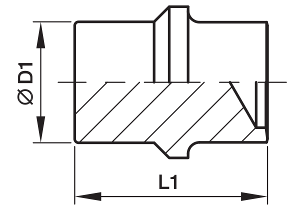
1) O-ring OR

Series	D1	L1	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR		
						CF	A3C	71
L	06	18.5	15	VKAM06L	**VEVKAM06L**	500	315	315
	08	18.5	24	VKAM08L	**VEVKAM08L**	500	315	315
	10	20.0	33	VKAM10L	**VEVKAM10L**	500	315	315
	12	20.5	46	VKAM12L	**VEVKAM12L**	400	315	315
	15	20.5	73	VKAM15L	**VEVKAM15L**	400	315	315
	18	22.5	111	VKAM18L	**VEVKAM18L**	400	315	315
	22	25.0	162	VKAM22L	**VEVKAM22L**	250	160	160
	28	25.5	220	VKAM28L	**VEVKAM28L**	250	160	160
	35	30.0	376	VKAM35L	**VEVKAM35L**	250	160	160
	42	30.0	558	VKAM42L	**VEVKAM42L**	250	160	160
S	06	18.5	23	VKAM06S	**VEVKAM06S**	800	630	630
	08	18.5	29	VKAM08S	**VEVKAM08S**	800	630	630
	10	20.0	46	VKAM10S	**VEVKAM10S**	800	630	630
	12	20.5	55	VKAM12S	**VEVKAM12S**	630	630	630
	14	22.5	83	VKAM14S	**VEVKAM14S**	630	630	630
	16	23.5	106	VKAM16S	**VEVKAM16S**	630	400	400
	20	28.5	180	VKAM20S	**VEVKAM20S**	420	400	400
	25	29.0	322	VKAM25S	**VEVKAM25S**	420	400	400
	30	30.5	398	VKAM30S	**VEVKAM30S**	420	400	400
	38	33.0	647	VKAM38S	**VEVKAM38S**	420	315	315

* S1 - Dimensions may vary according to the forged body

Properties

Properties
Design - As per DIN 2353 - ISO 8434 -1
Material - Steel / Stainless Steel /Brass
Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)
Material - Stainless steel -304 / 316 Grade Surface finish Mat Buff Surface Finish



Series	D1	L1	Weight g/1 piece	DIN CODE Order Code	VELOCK Order Code	W.P. = IN BAR			
						CF	A3C	71	MS
L	06	19.5	5	BUZ06L	**VEBUZ06L**	315	315	315	200
	08	19.5	8	BUZ08L	**VEBUZ08L**	315	315	315	200
	10	21.0	13	BUZ10L	**VEBUZ10L**	315	315	315	200
	12	21.8	20	BUZ12L	**VEBUZ12L**	315	315	315	200
	15	22.0	30	BUZ15L	**VEBUZ15L**	315	315	315	200
	18	24.0	45	BUZ18L	**VEBUZ18L**	315	315	315	200
	22	26.0	74	BUZ22L	**VEBUZ22L**	160	160	160	100
	28	26.5	117	BUZ28L	**VEBUZ28L**	160	160	160	100
	35	32.0	217	BUZ35L	**VEBUZ35L**	160	160	160	100
	42	32.5	308	BUZ42L	**VEBUZ42L**	160	160	160	100
S	06	19.5	5	BUZ06L	**VEBUZ06L**	630	630	630	400
	08	19.5	8	BUZ08L	**VEBUZ08L**	630	630	630	400
	10	21.0	13	BUZ10L	**VEBUZ10L**	630	630	630	400
	12	21.8	20	BUZ12L	**VEBUZ12L**	630	630	630	400
	14	23.5	28	BUZ14S	**VEBUZ14S**	630	630	630	400
	16	25.5	39	BUZ16S	**VEBUZ16S**	400	400	400	250
	20	30.5	73	BUZ20S	**VEBUZ20S**	400	400	400	250
	25	32.5	119	BUZ25S	**VEBUZ25S**	400	400	400	250
	30	35.5	181	BUZ30S	**VEBUZ30S**	400	400	400	250
	38	40.0	325	BUZ38S	**VEBUZ38S**	315	315	315	200

* S1 - Dimensions may vary according to the forged body

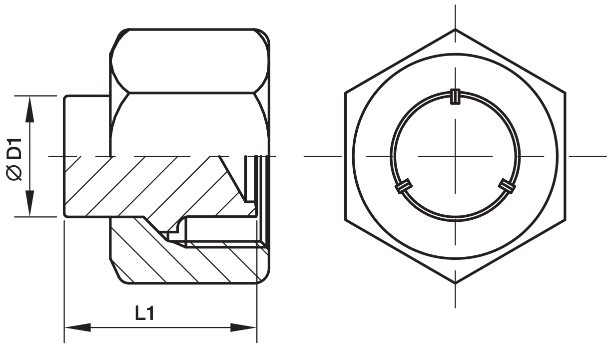
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Series	D1	L1	Weight g/1 piece	DIN Order Code	**VELOCK Order Code**	W.P. = IN BAR		
						CF	A3C	7 1
L	06	19 5	15	BUZM06L	**VEBUZM06L**	315	315	315
	08	19.5	23	BUZM08L	**VEBUZM08L**	315	315	315
	10	21.0	31	BUZM10L	**VEBUZM10L**	315	315	315
	12	21.8	45	BUZM12L	**VEBUZM12L**	315	315	315
	15	22 0	71	BUZM15L	**VEBUZM15L**	315	315	315
	18	24.0	107	BUZM18L	**VEBUZM18L**	315	315	315
	22	26.0	156	BUZM22L	**VEBUZM22L**	160	160	160
	28	26 5	206	BUZM28L	**VEBUZM28L**	160	160	160
	35	32.0	354	BUZM35L	**VEBUZM35L**	160	160	160
	42	32.5	524	BUZM42L	**VEBUZM42L**	160	160	160
S	06	19.5	23	BUZM06S	**VEBUZM06S**	630	630	630
	08	19.5	28	BUZM08S	**VEBUZM08S**	630	630	630
	10	21.0	44	BUZM10S	**VEBUZM10S**	630	630	630
	12	21 8	54	BUZM12S	**VEBUZM12S**	630	630	630
	14	23.5	81	BUZM14S	**VEBUZM14S**	630	630	630
	16	25.5	105	BUZM16S	**VEBUZM16S**	400	400	400
	20	30.5	176	BUZM20S	**VEBUZM20S**	400	400	400
	25	32 5	321	BUZM25S	**VEBUZM25S**	400	400	400
	30	35.5	399	BUZM30S	**VEBUZM30S**	400	400	400
	38	40.0	664	BUZM38S	**VEBUZM38S**	315	315	315

* S1 - Dimensions may vary according to the forged body

Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

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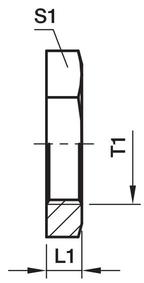


Series	Tube O.D.	T1	L1	S1	Weight g/1 piece	DIN Order Code				VELOCK Order Code			
						Steel CF	Steel A3C	Stainless Stee 71	Brass MS	**Steel CF**	**Steel A3C**	**Stainless Steel 71**	**Brass MS**
L	06	M 12x1.5	6	17	7	GM06LCFX	GM06LA3CX	GM06L71X	GM06LMSX	**VEGM06LCFX**	**VEGM06LA3CX**	**VEGM06L71X**	**VEGM06LMSX**
	08	M 14x1.5	6	19	8	GM08LCFX	GM08LA3CX	GM08L71X	GM08LMSX	**VEGM08LCFX**	**VEGM08LA3CX**	**VEGM08L71X**	**VEGM08LMSX**
	10	M 16x1.5	6	22	11	GM10LCFX	GM10LA3CX	GM10L71X	GM10LMSX	**VEGM10LCFX**	**VEGM10LA3CX**	**VEGM10L71X**	**VEGM10LMSX**
	12	M 18x1.5	6	24	12	GM12LCFX	GM12LA3CX	GM12L71X	GM12LMSX	**VEGM12LCFX**	**VEGM12LA3CX**	**VEGM12L71X**	**VEGM12LMSX**
	15	M 22x1.5	7	30	23	GM16LCFX	GM16LA3CX	GM16L71X	GM16LMSX	**VEGM16LCFX**	**VEGM16LA3CX**	**VEGM16L71X**	**VEGM16LMSX**
	18	M 26x1.5	8	36	37	GM18LCFX	GM18LA3CX	GM18L71X	GM18LMSX	**VEGM18LCFX**	**VEGM18LA3CX**	**VEGM18L71X**	**VEGM18LMSX**
	22	M 30x2	8	41	46	GM22LCFX	GM22LA3CX	GM22L71X	GM22LMSX	**VEGM22LCFX**	**VEGM22LA3CX**	**VEGM22L71X**	**VEGM22LMSX**
	28	M 36x2	9	46	58	GM28LCFX	GM28LA3CX	GM28L71X	GM28LMSX	**VEGM28LCFX**	**VEGM28LA3CX**	**VEGM28L71X**	**VEGM28LMSX**
	35	M 45x2	9	55	71	GM35LCFX	GM35LA3CX	GM35L71X	GM35LMSX	**VEGM35LCFX**	**VEGM35LA3CX**	**VEGM35L71X**	**VEGM35LMSX**
	42	M 52x2	10	65	123	GM42LCFX	GM42LA3CX	GM42L71X	GM42LMSX	**VEGM42LCFX**	**VEGM42LA3CX**	**VEGM42L71X**	**VEGM42LMSX**
S	06	M 14x1.5	6	19	8	GM08LCFX	GM08LA3CX	GM08L71X	GM08LMSX	**VEGM08LCFX**	**VEGM08LA3CX**	**VEGM08L71X**	**VEGM08LMSX**
	08	M 16x1.5	6	22	11	GM10LCFX	GM10LA3CX	GM10L71X	GM10LMSX	**VEGM10LCFX**	**VEGM10LA3CX**	**VEGM10L71X**	**VEGM10LMSX**
	10	M 18x1.5	6	24	12	GM12LCFX	GM12LA3CX	GM12L71X	GM12LMSX	**VEGM12LCFX**	**VEGM12LA3CX**	**VEGM12L71X**	**VEGM12LMSX**
	12	M 20x1.5	6	27	15	GM12LCFX	GM12LA3CX	GM12L71X	GM12LMSX	**VEGM12LCFX**	**VEGM12LA3CX**	**VEGM12L71X**	**VEGM12LMSX**
	14	M 22x1.5	7	30	23	GM15LCFX	GM15LA3CX	GM15L71X	GM15LMSX	**VEGM15LCFX**	**VEGM15LA3CX**	**VEGM15L71X**	**VEGM15LMSX**
	16	M 24x1.5	7	32	24	GM16LCFX	GM16LA3CX	GM16L71X	GM16LMSX	**VEGM16LCFX**	**VEGM16LA3CX**	**VEGM16L71X**	**VEGM16LMSX**
	20	M 30x2	8	41	46	GM22LCFX	GM22LA3CX	GM22L71X	GM22LMSX	**VEGM22LCFX**	**VEGM22LA3CX**	**VEGM22L71X**	**VEGM22LMSX**
	25	M 36x2	9	46	58	GM28LCFX	GM28LA3CX	GM28L71X	GM28LMSX	**VEGM28LCFX**	**VEGM28LA3CX**	**VEGM28L71X**	**VEGM28LMSX**
	30	M 42x2	9	50	58	GM30LCFX	GM30LA3CX	GM30L71X	GM30LMSX	**VEGM30LCFX**	**VEGM30LA3CX**	**VEGM30L71X**	**VEGM30LMSX**
	38	M 52x2	10	65	123	GM42LCFX	GM42LA3CX	GM42L71X	GM42LMSX	**VEGM42LCFX**	**VEGM42LA3CX**	**VEGM42L71X**	**VEGM42LMSX**

* S1 - Dimensions may vary according to the forged body

VEVH SUPPORT SLEEVE

DIN 2353 24^0 CONE TYPE

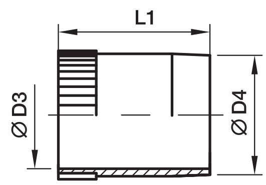
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Tube I.D.	D3	D4	L1	Weight g/1 piece	DIN Order Code			VELOCK Order Code		
					Steel CF	Stainless Steel 71	Brass MS	Steel CF	Stainless Steel 71	Brass MS
4.0	2.6	3.8	14.0	0.7	VH04CFX	VH0471X	VH04MSX	VEVH04CFX	VEVH0471X	VEVH04MSX
4.5	3.1	4.3	14.0	0.8	VH04.5CFX	VH04.571X	VH04.5MSX	VEVH04.5CFX	VEVH04.571X	VEVH04.5MSX
5.0	3.6	4.8	14.0	0.8	VH05CFX	VH0571X	VH05MSX	VEVH05CFX	VEVH0571X	VEVH05MSX
6.0	4.6	5.8	14.0	1.0	VH06CFX	VH0671X	VH06MSX	VEVH06CFX	VEVH0671X	VEVH06MSX
6.5	5.1	6.3	14.0	1.0	VH06.5CFX	VH06.571X	VH06.5MSX	VEVH06.5CFX	VEVH06.571X	VEVH06.5MSX
7.0	5.6	6.8	15.5	1.3	VH07CFX	VH0771X	VH07MSX	VEVH07CFX	VEVH0771X	VEVH07MSX
8.0	6.6	7.8	15.5	1.6	VH08CFX	VH0871X	VH08MSX	VEVH08CFX	VEVH0871X	VEVH08MSX
9.0	7.6	8.8	15.5	1.8	VH09CFX	VH0971X	VH09MSX	VEVH09CFX	VEVH0971X	VEVH09MSX
10.0	8.6	9.8	15.5	2.1	VH10CFX	VH1071X	VH10MSX	VEVH10CFX	VEVH1071X	VEVH10MSX
10.5	9.1	10.3	15.5	2.3	VH10.5CFX	VH10.571X	VH10.5MSX	VEVH10.5CFX	VEVH10.571X	VEVH10.5MSX
11.0	9.6	10.8	15.5	2.6	VH11CFX	VH1171X	VH11MSX	VEVH11CFX	VEVH1171X	VEVH11MSX
12.0	10.2	11.8	17.0	3.7	VH12CFX	VH1271X	VH12MSX	VEVH12CFX	VEVH1271X	VEVH12MSX
13.0	11.2	12.8	17.0	3.9	VH13CFX	VH1371X	VH13MSX	VEVH13CFX	VEVH1371X	VEVH13MSX
14.0	12.2	13.8	17.0	4.3	VH14CFX	VH1471X	VH14MSX	VEVH14CFX	VEVH1471X	VEVH14MSX
15.0	13.2	14.8	20.0	5.7	VH15CFX	VH1571X	VH15MSX	VEVH15CFX	VEVH1571X	VEVH15MSX
16.0	14.2	15.8	20.0	5.8	VH16CFX	VH1671X	VH16MSX	VEVH16CFX	VEVH1671X	VEVH16MSX
17.0	15.2	16.8	20.0	6.3	VH17CFX	VH1771X	VH17MSX	VEVH17CFX	VEVH1771X	VEVH17MSX
18.0	16.2	17.8	20.0	6.3	VH18CFX	VH1871X	VH18MSX	VEVH18CFX	VEVH1871X	VEVH18MSX
19.0	17.2	18.8	16.0	5.8	VH19CFX	VH1971X	VH19MSX	VEVH19CFX	VEVH1971X	VEVH19MSX
20.0	18.2	19.8	21.5	7.9	VH20CFX	VH2071X	VH20MSX	VEVH20CFX	VEVH2071X	VEVH20MSX
21.0	19.2	20.8	21.5	8.0	VH21CFX	VH2171X	VH21MSX	VEVH21CFX	VEVH2171X	VEVH21MSX
22.0	20.2	21.8	23.5	9.7	VH22CFX	VH2271X	VH22MSX	VEVH22CFX	VEVH2271X	VEVH22MSX
23.0	21.2	22.8	23.5	10.6	VH23CFX	VH2371X	VH23MSX	VEVH23CFX	VEVH2371X	VEVH23MSX
24.0	22.2	23.8	23.5	11.1	VH24CFX	VH2471X	VH24MSX	VEVH24CFX	VEVH2471X	VEVH24MSX
25.0	23.2	24.8	23.5	10.8	VH25CFX	VH2571X	VH25MSX	VEVH25CFX	VEVH2571X	VEVH25MSX
26.0	24.2	25.8	23.5	12.7	VH26CFX	VH2671X	VH26MSX	VEVH26CFX	VEVH2671X	VEVH26MSX
27 0	25 2	26 8	23 5	12 2	VH27CFX	VH2771X	VH27MSX	VEVH27CFX	VEVH2771X	VEVH27MSX
30.0	27.8	29.8	26.5	18.7	VH30CFX	VH3071X	VH30MSX	VEVH30CFX	VEVH3071X	VEVH30MSX
31.0	28.8	30.8	26.5	20.7	VH31CFX	VH3171X	VH31MSX	VEVH31CFX	VEVH3171X	VEVH31MSX
32.0	29.8	31.8	26.5	19.2	VH32CFX	VH3271X	VH32MSX	VEVH32CFX	VEVH3271X	VEVH32MSX
33.0	30.8	32.8	26.5	19.9	VH33CFX	VH3371X	VH33MSX	VEVH33CFX	VEVH3371X	VEVH33MSX
34.0	31.8	33.8	26.5	26.5	VH34CFX	VH3471X	VH34MSX	VEVH34CFX	VEVH3471X	VEVH34MSX
38.0	35.8	37.8	21.0	19.7	VH38CFX	VH3871X	VH38MSX	VEVH38CFX	VEVH3871X	VEVH38MSX
39.0	36.8	38.8	21.0	19.5	VH39CFX	VH3971X	VH39MSX	VEVH39CFX	VEVH3971X	VEVH39MSX

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Properties

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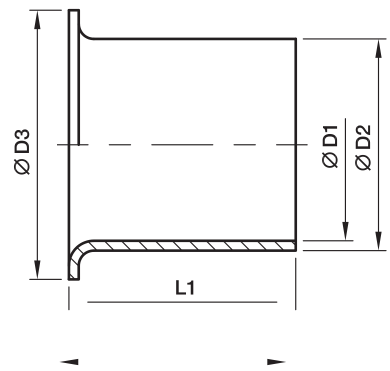
Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



Tube O.D.	Tube I.D.	D1	D2	D3	L1	Weight g/1 piece	DIN Order Code Brass	**VELOCK Order Code Brass**
04	2.0	1.3	2.0	3.5	8	1	E04/02X	**VEE04/02X**
04	2.5	1.7	2.5	4.0	8	1	E04/2.5X	**VEE04/2.5X**
05	3.0	2.2	3.0	5.0	14	1	E0506/03X	**VEE0506/03X**
06	3.0	2.2	3.0	5.0	14	1	E0506/03X	**VEE0506/03X**
05	4.0	3.2	4.0	5.0	14	1	E0506/04X	**VEE0506/04X**
06	4.0	3.2	4.0	5.0	14	1	E0506/04X	**VEE0506/04X**
08	4.0	3.2	4.0	6.6	14	1	E08/04X	**VEE08/04X**
06	5.0	4.0	5.0	6.0	14	1	E06/05X	**VEE06/05X**
08	5.0	4.0	5.0	6.0	14	1	E08/05X	**VEE08/05X**
10	6.0	5.0	6.0	8.0	15	1	E0810/06X	**VEE0810/06X**
08	6.0	5.0	6.0	8.0	15	1	E0810/06X	**VEE0810/06X**
10	8.0	6.7	8.0	10.0	15	1	E10/08X	**VEE10/08X**
12	8.0	6.7	8.0	12.0	15	2	E12/08X	**VEE12/08X**
12	9.0	7.7	9.0	12.0	15	2	E12/09X	**VEE12/09X**
12	10.0	8.7	10.0	12.0	15	2	E1215/10X	**VEE1215/10X**
15	12.0	10.7	12.0	14.8	15	3	E15/12X	**VEE15/12X**
15	12.5	11.2	12.5	14.8	15	3	E1516/12.5X	**VEE1516/12.5X**
16	12.5	11.2	12.5	14.8	15	3	E1516/12.5X	**VEE1516/12.5X**
18	14 0	12 7	14 0	17 8	15	4	E18/14X	**VEE18/14X**
18	16.0	14.7	16.0	17.8	20	4	E1820/16X	**VEE1820/16X**
20	16.0	14.7	16.0	17.8	20	4	E1820/16X	**VEE1820/16X**
22	18.0	16.7	18.0	21.8	16	5	E22/18X	**VEE22/18X**

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Properties

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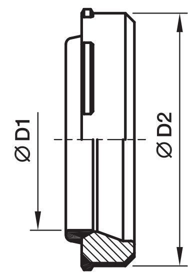

Assembl direction:
Sealing lip shows to the tube end

Series	D1	D2	Weight g/1 piece	DIN Order Code				VELOCK Order Code			
				Steel NBR	Steel FKM	Stainless Steel FKM	Stainless Steel NBR	**Steel NBR**	**Steel FKM**	**Stainless Steel FKM**	**Stainless Steel NBR**
LL	04	6.8	1	DOZ04LL				**VEDOZ04LL**			
	06	8.8	1	DOZ06LL				**VEDOZ06LL**			
L	06	10.3	1	DOZ06L	DOZ06LVIT	DOZ06L71	DOZ06LNBR71	**VEDOZ06L**	**VEDOZ06LVIT**	**VEDOZ06L71**	**VEDOZ06LNBR71**
	08	12.3	1	DOZ08L	DOZ08LVIT	DOZ08L71	DOZ08LNBR71	**VEDOZ08L**	**VEDOZ08LVIT**	**VEDOZ08L71**	**VEDOZ08LNBR71**
	10	14.3	2	DOZ10L	DOZ10LVIT	DOZ10L71	DOZ10LNBR71	**VEDOZ10L**	**VEDOZ10LVIT**	**VEDOZ10L71**	**VEDOZ10LNBR71**
	12	16.3	2	DOZ12L	DOZ12LVIT	DOZ12L71	DOZ12LNBR71	**VEDOZ12L**	**VEDOZ12LVIT**	**VEDOZ12L71**	**VEDOZ12LNBR71**
	15	20.3	3	DOZ15L	DOZ15LVIT	DOZ15L71	DOZ15LNBR71	**VEDOZ15L**	**VEDOZ15LVIT**	**VEDOZ15L71**	**VEDOZ15LNBR71**
	18	24.3	5	DOZ18L	DOZ18LVIT	DOZ18L71	DOZ18LNBR71	**VEDOZ18L**	**VEDOZ18LVIT**	**VEDOZ18L71**	**VEDOZ18LNBR71**
	22	27.7	6	DOZ22L	DOZ22LVIT	DOZ22L71	DOZ22LNBR71	**VEDOZ22L**	**VEDOZ22LVIT**	**VEDOZ22L71**	**VEDOZ22LNBR71**
	28	33.7	7	DOZ28L	DOZ28LVIT	DOZ28L71	DOZ28LNBR71	**VEDOZ28L**	**VEDOZ28LVIT**	**VEDOZ28L71**	**VEDOZ28LNBR71**
	35	42.7	14	DOZ35L	DOZ35LVIT	DOZ35L71	DOZ35LNBR71	**VEDOZ35L**	**VEDOZ35LVIT**	**VEDOZ35L71**	**VEDOZ35LNBR71**
	42	49.7	17	DOZ42L	DOZ42LVIT	DOZ42L71	DOZ42LNBR71	**VEDOZ42L**	**VEDOZ42LVIT**	**VEDOZ42L71**	**VEDOZ42LNBR71**
S	06	12.3	2	DOZ06S	DOZ06SVIT	DOZ06S71	DOZ06SNBR71	**VEDOZ06S**	**VEDOZ06SVIT**	**VEDOZ06S71**	**VEDOZ06SNBR71**
	08	14.3	2	DOZ08S	DOZ08SVIT	DOZ08S71	DOZ08SNBR71	**VEDOZ08S**	**VEDOZ08SVIT**	**VEDOZ08S71**	**VEDOZ08SNBR71**
	10	16.3	3	DOZ10S	DOZ10SVIT	DOZ10S71	DOZ10SNBR71	**VEDOZ10S**	**VEDOZ10SVIT**	**VEDOZ10S71**	**VEDOZ10SNBR71**
	12	18.3	4	DOZ12S	DOZ12SVIT	DOZ12S71	DOZ12SNBR71	**VEDOZ12S**	**VEDOZ12SVIT**	**VEDOZ12S71**	**VEDOZ12SNBR71**
	14	20.3	4	DOZ14S	DOZ14SVIT	DOZ14S71	DOZ14SNBR71	**VEDOZ14S**	**VEDOZ14SVIT**	**VEDOZ14S71**	**VEDOZ14SNBR71**
	16	22.3	5	DOZ16S	DOZ16SVIT	DOZ16S71	DOZ16SNBR71	**VEDOZ16S**	**VEDOZ16SVIT**	**VEDOZ16S71**	**VEDOZ16SNBR71**
	20	27.7	9	DOZ20S	DOZ20SVIT	DOZ20S71	DOZ20SNBR71	**VEDOZ20S**	**VEDOZ20SVIT**	**VEDOZ20S71**	**VEDOZ20SNBR71**
	25	33.7	13	DOZ25S	DOZ25SVIT	DOZ25S71	DOZ25SNBR71	**VEDOZ25S**	**VEDOZ25SVIT**	**VEDOZ25S71**	**VEDOZ25SNBR71**
	30	39.7	18	DOZ30S	DOZ30SVIT	DOZ30S71	DOZ30SNBR71	**VEDOZ30S**	**VEDOZ30SVIT**	**VEDOZ30S71**	**VEDOZ30SNBR71**
	38	49.7	27	DOZ38S	DOZ38SVIT	DOZ38S71	DOZ38SNBR71	**VEDOZ38S**	**VEDOZ38SVIT**	**VEDOZ38S71**	**VEDOZ38SNBR71**

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Properties

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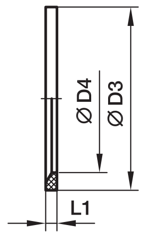

Male stud Metric Thread T1	Male stud BSP Thread T1	D3	D4	L1	Weight g/1 piece	DIN Order Code		VELOCK Order Code	
						Steel NBR	Steel FKM	**Steel NBR**	**Steel FKM**
M 8x1		9.9	6.5	1.0	0.1	ED8X1X	ED8X1VITX	**VEED8X1X**	**VEED8X1VITX**
M 10x1	G 1/8 A	11.9	8.4	1.0	0.1	ED10X1X	ED10X1VITX	**VEED10X1X**	**VEED10X1VITX**
M 12x1.5		14.4	9.8	1.5	0.2	ED12X1.5X	ED12X1.5VITX	**VEED12X1.5X**	**VEED12X1.5VITX**
M 14x1.5	G 1/4 A	16.5	11.6	1.5	0.2	ED14X1.5X	ED14X1.5VITX	**VEED14X1.5X**	**VEED14X1.5VITX**
M 16x1.5		18.9	13.8	1.5	0.1	ED16X1.5X	ED16X1.5VITX	**VEED16X1.5X**	**VEED16X1.5VITX**
	G 3/8 A	18.9	14.7	1.5	0.2	ED3/8X	ED3/8VITX	**VEED3/8X**	**VEED3/8VITX**
M 18x1.5		20.9	15.7	1.5	0.1	ED18X1.5X	ED18X1.5VITX	**VEED18X1.5X**	**VEED18X1.5VITX**
M 20x1.5		22.9	17.8	1.5	0.2	ED20X1.5X	ED20X1.5VITX	**VEED20X1.5X**	**VEED20X1.5VITX**
	G 1/2 A	23.9	18.5	1.5	0.3	ED1/2X	ED1/2VITX	**VEED1/2X**	**VEED1/2VITX**
M 22x1.5		24.3	19.6	1.5	0.2	ED22X1.5X	ED22X1.5VITX	**VEED22X1.5X**	**VEED22X1.5VITX**
M 26x1.5	G 3/4 A	29.2	23.9	1.5	0.4	ED26X1.5X	ED26X1.5VITX	**VEED26X1.5X**	**VEED26X1.5VITX**
M 27x2	G 3/4 A	29.2	23.9	1.5	0.4	ED26X1.5X	ED26X1.5VITX	**VEED26X1.5X**	**VEED26X1.5VITX**
M 33x2	G 1 A	35.7	29.7	2.0	0.7	ED33X2X	ED33X2VITX	**VEED33X2X**	**VEED33X2VITX**
M 42x2	G 1 1/4 A	45 8	38 8	2 0	0 9	ED42X2X	ED42X2VITX	**VEED42X2X**	**VEED42X2VITX**
M 48x2	G 1 1/2 A	50.7	44.7	2.0	1.0	ED48X2X	ED48X2VITX	**VEED48X2X**	**VEED48X2VITX**

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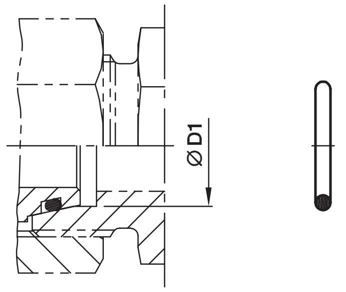

Series	D1	DIN Order Code		VELOCK Order Code	
		O-ring NBR Shore-hardness approx.90	O-ring NBR Shore-hardness approx.90	**O-ring NBR Shore-hardness approx.90**	**O-ring NBR Shore-hardness approx.90**
L	6	OR4.5X1.5X	OR4.5X1.5VITX	**VEOR4.5X1.5X**	**VEOR4.5X1.5VITX**
	8	OR6.5X1.5X	OR6.5X1.5VITX	**VEOR6.5X1.5X**	**VEOR6.5X1.5VITX**
	10	OR8.5X1.5X	OR8X1.5VITX	**VEOR8.5X1.5X**	**VEOR8X1.5VITX**
	12	OR10.5X1.5X	OR10X1.5VITX	**VEOR10.5X1.5X**	**VEOR10X1.5VITX**
	15	OR12.5X1.5X	OR12X2VITX	**VEOR12.5X1.5X**	**VEOR12X2VITX**
	18	OR16X2X	OR15X2VITX	**VEOR16X2X**	**VEOR15X2VITX**
	22	OR20X2X	OR20X2VITX	**VEOR20X2X**	**VEOR20X2VITX**
	28	OR26X2X	OR26X2VITX	**VEOR26X2X**	**VEOR26X2VITX**
	35	OR32X2 5X	OR32X2 5VITX	**VEOR32X2.5X**	**VEOR32X2.5VITX**
	42	OR39X2.5X	OR38X2.5VITX	**VEOR39X2.5X**	**VEOR38X2.5VITX**
S	6	OR4.5X1.5X	OR4.5X1.5VITX	**VEOR4.5X1.5X**	**VEOR4.5X1.5VITX**
	8	OR6.5X1.5X	OR6.5X1.5VITX	**VEOR6.5X1.5X**	**VEOR6.5X1.5VITX**
	10	OR8.5X1.5X	OR8X1.5VITX	**VEOR8.5X1.5X**	**VEOR8X1.5VITX**
	12	OR10.5X1.5X	OR10X1.5VITX	**VEOR10.5X1.5X**	**VEOR10X1.5VITX**
	14	OR12X2X	OR11X2VITX	**VEOR12X2X**	**VEOR11X2VITX**
	16	OR14X2X	OR13X2VITX	**VEOR14X2X**	**VEOR13X2VITX**
	20	OR17X2.5X	OR16.3X2.4VITX	**VEOR17X2.5X**	**VEOR16.3X2.4VITX**
	25	OR22X2.5X	OR20.3X2.4VITX	**VEOR22X2.5X**	**VEOR20.3X2.4VITX**
	30	OR27X2.5X	OR25.3X2.4VITX	**VEOR27X2.5X**	**VEOR25.3X2.4VITX**
	38	OR35X2.5X	OR33.3X2.4VITX	**VEOR35X2.5X**	**VEOR33.3X2.4VITX**

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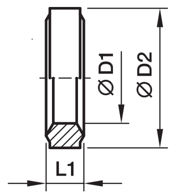

For WT / TH	For WT / TH	O-ring NBR	O-ring FKM
06LM/LR		OR9.3X1.5X	**OR9.3X1.5VITX**
08LM/LR	06SM/SR	OR12.5X1.5X	**OR12.5X1.5VITX**
10LM/LR	08SM/SR	OR12.5X1.5X	**OR12.5X1.5VITX**
12LM/LR	10SM/SR	OR16X1.5X	**OR16X1.5VITX**
	12SR	OR16X1.5X	**OR16X1.5VITX**
15LM	12SM	OR18X1.5X	**OR18X1.5VITX**
15LR	14SM/SR	OR20X1.5X	**OR20X1.5VITX**
18LM/LR	16SM/SR	OR20X1.5X	**OR20X1.5VITX**
22LM/LR	20SM/SR	OR25X2X	**OR25X2VITX**
28LM/LR	25SM/SR	OR33X2.5X	**OR33X2.5VITX**
35LM/LR	30SM/SR	OR41X2.5X	**OR41X2.5VITX**
42LM/LR	38SM/SR	OR46X3X	**OR46X3VITX**

DKI Sealing ring for pressure gauge connectors

Female thread	D1	D2	L1	Weight g/1 piece	Din Order code		VELOCK Order code	
					Steel CF	Stainless Steel 71	**Steel CF**	**Stainless Steel 71**
G 1/4 A	6	11.3	4.5	2.5	DKI1/4CFX	DKI1/471X	**VEDKI1/4CFX**	**VEDKI1/471X**
G 1/2 A	12	18.5	5.0	5.0	DKI1/2CFX	DKI1/271X	**VEDKI1/2CFX**	**VEDKI1/271X**

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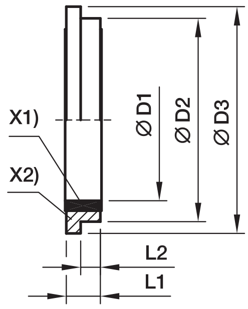


X1) NBR sealing
X2) Supporting-ring (Steel)

For WH and Th	For Thread		D1	D2	D3	L1	L2	Weight g/1 piece	DIN Order Code Steel NBR	DIN Order Code Steel FKM	VELOCK Order Code Steel NBR	VELOCK Order Code Steel FKM
06LM/LRKDS	M10x1	G 1/8 A	10.3	14.9	16.0	2.5	1.1	2	KDS10A3CX	KDS10VITA3CX	**VEKDS10A3CX**	**VEKDS10VITA3CX**
06SM/08LMKDS	M12x1.5		12.3	17.0	18.0	3.0	1.6	2	KDS12A3CX	KDS12VITA3CX	**VEKDS12A3CX**	**VEKDS12VITA3CX**
06SRKDS	M14x1.5	G 1/4 A	14.3	18.9	20.0	3.0	1.6	2	KDS14A3CX	KDS14VITA3CX	**VEKDS14A3CX**	**VEKDS14VITA3CX**
08LR/SM/SRKDS	M14x1.5	G 1/4 A	14.3	18.9	20.0	3.0	1.6	2	KDS14A3CX	KDS14VITA3CX	**VEKDS14A3CX**	**VEKDS14VITA3CX**
10LM/LRKDS	M14x1.5	G 1/4 A	14.3	18.9	20.0	3.0	1.6	2	KDS14A3CX	KDS14VITA3CX	**VEKDS14A3CX**	**VEKDS14VITA3CX**
10SM/SRKDS	M16x1.5	G 3/8 A	17.0	21.9	24.0	3.0	2.1	3	KDS16A3CX	KDS16VITA3CX	**VEKDS16A3CX**	**VEKDS16VITA3CX**
12LM/LR/SRKDS	M16x1.5	G 3/8 A	17.0	21.9	24.0	3.0	2.1	3	KDS16A3CX	KDS16VITA3CX	**VEKDS16A3CX**	**VEKDS16VITA3CX**
12SM/15LMKDS	M18x1.5		18.3	23.9	23.9	3.0		4	KDS18A3CX	KDS18VITA3CX	**VEKDS18A3CX**	**VEKDS18VITA3CX**
15LRKDS	M22x1.5	G 1/2 A	22.3	26.9	30.0	4.5	2.6	7	KDS22A3CX	KDS22VITA3CX	**VEKDS22A3CX**	**VEKDS22VITA3CX**
16SM/SRKDS	M22x1.5	G 1/2 A	22.3	26.9	30.0	4.5	2.6	7	KDS22A3CX	KDS22VITA3CX	**VEKDS22A3CX**	**VEKDS22VITA3CX**
18LM/LRKDS	M22x1.5	G 1/2 A	22.3	26.9	30.0	4.5	2.6	7	KDS22A3CX	KDS22VITA3CX	**VEKDS22A3CX**	**VEKDS22VITA3CX**
22LMKDS	M26x1.5		26.3	31.9	35.0	3.5	2.6	7	KDS26A3CX	KDS26VITA3CX	**VEKDS26A3CX**	**VEKDS26VITA3CX**
20SM/SRKDS	M27x2	G 3/4 A	27.3	32.9	38.0	3.5	2.6	8	KDS27A3CX	KDS27VITA3CX	**VEKDS27A3CX**	**VEKDS27VITA3CX**
22LRKDS	M27x2	G 3/4 A	27.3	32.9	38.0	3.5	2.6	8	KDS27A3CX	KDS27VITA3CX	**VEKDS27A3CX**	**VEKDS27VITA3CX**
25SM/SRKDS	M33x2	G 1 A	33.6	39.9	42.0	3.5	2.6	10	KDS33A3CX	KDS33VITA3CX	**VEKDS33A3CX**	**VEKDS33VITA3CX**
28LM/LRKDS	M33x2	G 1 A	33.6	39.9	42.0	3.5	2.6	10	KDS33A3CX	KDS33VITA3CX	**VEKDS33A3CX**	**VEKDS33VITA3CX**
30SM/SRKDS	M42x2	G 1 1/4 A	42.4	49.9	49.9	3.5		12	KDS42A3CX	KDS42VITA3CX	**VEKDS42A3CX**	**VEKDS42VITA3CX**
35LM/LRKDS	M42x2	G 1 1/4 A	42.4	49.9	49.9	3.5		12	KDS42A3CX	KDS42VITA3CX	**VEKDS42A3CX**	**VEKDS42VITA3CX**
38SM/SRKDS	M48x2	G 1 1/2 A	48.4	55.9	60.0	3.5	2.6	16	KDS48A3CX	KDS48VITA3CX	**VEKDS48A3CX**	**VEKDS48VITA3CX**
42LM/LRKDS	M48x2	G 1 1/2 A	48.4	55.9	60.0	3.5	2.6	16	KDS48A3CX	KDS48VITA3CX	**VEKDS48A3CX**	**VEKDS48VITA3CX**

* S1 - Dimensions may vary according to the forged body

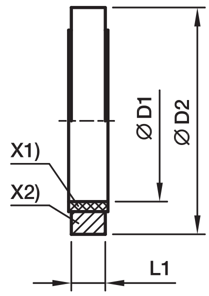
Properties

Design - As per DIN 2353 - ISO 8434 -1

Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



X1) PTFE sealing
X2) Supporting-ring (Stainless Steel)

For WH and Th	For Thread	D1	D2	L1	Weight g/1 piece	DIN Order Code	VELOCK Order Code
06LRKD71	G 1/8 A	10.0	17.0	2.5	2	KD1/871	**VEKD1/871**
08LR/06SRKD71	G 1/4 A	13.5	22.0	3.0	4	KD1/471	**VEKD1/471**
10LR/08SRKD71	G 1/4 A	13.5	22.0	3.0	4	KD1/471	**VEKD1/471**
12LR/10SRKD71	G 3/8 S	17.1	27.0	3.0	6	KD3/871	**VEKD3/871**
12SRKD71	G 3/8 A	17.1	27.0	3.0	6	KD3/871	**VEKD3/871**
15LR/14SRKD71	G 1/2 A	21.4	32.0	4.5	12	KD1/271	**VEKD1/271**
18LR/16SRKD71	G 1/2 A	21.4	32.0	4.5	12	KD1/271	**VEKD1/271**
22LR/20SRKD71	G 3/4 A	26.8	41.0	3.5	17	KD3/471	**VEKD3/471**
28LR/25SRKD71	G 1 A	33.5	46.0	3.5	17	KD171	**VEKD171**
35LR/30SRKD71	G 1 1/4 A	42.4	57.0	3.5	26	KD11/471	**VEKD11/471**
42LR/38SRKD71	G 1 1/2 A	48.4	64.0	3.5	35	KD11/271	**VEKD11/271**
06LMKD71	M 10· 1	10.3	17.0	2.5	2	KD1071	**VEKD1071**
08LM/06SMKD71	M 12· 1.5	12.3	22.0	3.0	5	KD1271	**VEKD1271**
10LM/08SMKD71	M 14· 1.5	14.3	22.5	3.0	5	KD1471	**VEKD1471**
12LM/10SMKD71	M 16· 1.5	16.4	27.0	3.0	9	KD1671	**VEKD1671**
15LM/12SMKD71	M 18· 1.5	18.4	29.0	3.0	9	KD1871	**VEKD1871**
14SMKD71	M 20· 1.5	20.4	32.0	3.0	9	KD2071	**VEKD2071**
18LM/16SMKD71	M 22· 1.5	22.4	32.0	4.5	12	KD2271	**VEKD2271**
22LMKD71	M 26· 1.5	26.4	41.0	3.5	18	KD2671	**VEKD2671**
20SMKD71	M 27· 2	27.4	41.0	3.5	18	KD2771	**VEKD2771**
28LM/25SMKD71	M 33· 2	33.5	46.0	3.5	17	KD171	**VEKD171**
35LM/30SMKD71	M 42· 2	42.4	57.0	3.5	26	KD11/471	**VEKD11/471**
42LM/38SMKD71	M 48· 2	48.4	64.0	3.5	35	KD11/271	**VEKD11/271**

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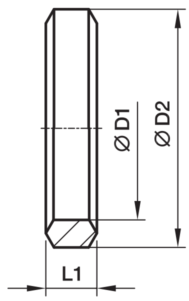
Surface finish Mat Buff Surface Finish



For DSVW		Metric thread parallel	D1	D2	L1	Weight g/1 piece	DIN Order Code		VELOCK Order Code	
							Steel CF	Steel A3C	**Steel CF**	**Steel A3C**
06LM		M10 1	10.1	14	3.2	2	DKAZ10CFX	DKAZ10A3CX	**VEDKAZ10CFX**	**VEDKAZ10A3CX**
08LM	06SM	M12 1.5	12.1	17	4.2	3	DKAZ12CFX	DKAZ12A3CX	**VEDKAZ12CFX**	**VEDKAZ12A3CX**
10LM	08SM	M14 1.5	14.1	19	4.5	4	DKAZ14CFX	DKAZ14A3CX	**VEDKAZ14CFX**	**VEDKAZ14A3CX**
12LM	10SM	M16 1.5	16.1	21	4.5	4	DKAZ16CFX	DKAZ16A3CX	**VEDKAZ16CFX**	**VEDKAZ16A3CX**
15LM	12SM	M18 1.5	18.1	23	4.5	5	DKAZ18CFX	DKAZ18A3CX	**VEDKAZ18CFX**	**VEDKAZ18A3CX**
	14SM	M20 1.5	20.1	25	4.5	5	DKAZ20CFX	DKAZ20A3CX	**VEDKAZ20CFX**	**VEDKAZ20A3CX**
18LM	16SM	M22 1.5	22.1	27	4.5	6	DKAZ22CFX	DKAZ22A3CX	**VEDKAZ22CFX**	**VEDKAZ22A3CX**
22LM		M26 1.5	26.1	31	4.5	7	DKAZ26CFX	DKAZ26A3CX	**VEDKAZ26CFX**	**VEDKAZ26A3CX**
	20SM	M27 2	27.1	32	5.0	8	DKAZ27CFX	DKAZ27A3CX	**VEDKAZ27CFX**	**VEDKAZ27A3CX**
28LM	25SM	M33 2	33.1	39	6.0	15	DKAZ33CFX	DKAZ33A3CX	**VEDKAZ33CFX**	**VEDKAZ33A3CX**
35LM	30SM	M42 2	42.1	49	6.5	22	DKAZ11/4CFX	DKAZ11/4A3CX	**VEDKAZ11/4CFX**	**VEDKAZ11/4A3CX**
42LM	38SM	M48 2	48.1	55	6.5	25	DKAZ11/2CFX	DKAZ11/2A3CX	**VEDKAZ11/2CFX**	**VEDKAZ11/2A3CX**

For DSVW		BSPP thread parallel	D1	D2	L1	Weight g/1 piece	DIN Order Code		VELOCK Order Code	
							Steel CF	Steel A3C	**Steel CF**	**Steel A3C**
06LR		G1/8A	9.8	14	3.2	2	DKAZ1/8CFX	DKAZ1/8A3CX	**VEDKAZ1/8CFX**	**VEDKAZ1/8A3CX**
08LR/10LR	06SR/08SR	G1/4A	13.3	18	4.5	4	DKAZ1/4CFX	DKAZ1/4A3CX	**VEDKAZ1/4CFX**	**VEDKAZ1/4A3CX**
12LR	10SR/12SR	G3/8A	16.8	22	4.5	5	DKAZ3/8CFX	DKAZ3/8A3CX	**VEDKAZ3/8CFX**	**VEDKAZ3/8A3CX**
15LR/18LR	14SR/16SR	G1/2A	21.1	26	5.0	6	DKAZ1/2CFX	DKAZ1/2A3CX	**VEDKAZ1/2CFX**	**VEDKAZ1/2A3CX**
22LR	20SR	G3/4A	26.6	32	5.0	11	DKAZ3/4CFX	DKAZ3/4A3CX	**VEDKAZ3/4CFX**	**VEDKAZ3/4A3CX**
28LR	25SR	G1A	33.4	39	6.0	14	DKAZ1CFX	DKAZ1A3CX	**VEDKAZ1CFX**	**VEDKAZ1A3CX**
35LR	30SR	G11/4A	42.1	49	6.5	22	DKAZ11/4CFX	DKAZ11/4A3CX	**VEDKAZ11/4CFX**	**VEDKAZ11/4A3CX**
42LR	38SR	G11/2A	48.1	55	6.5	25	DKAZ11/2CFX	DKAZ11/2A3CX	**VEDKAZ11/2CFX**	**VEDKAZ11/2A3CX**

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Properties

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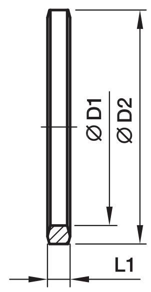
Material - Steel / Stainless Steel /Brass

Surface Protection for Steel - Zinc passivation or Chrome -VI Free (Trivalent Plated)

Material - Stainless steel -304 / 316 Grade
Surface finish Mat Buff Surface Finish



WH/TH		For SWVE		BSPP thread parallel	D1	D2	L1	Weight g/1 piece	DIN Order Code			VELOCK Order Code		
									Steel CF	Steel A3C	Stainless Steel 71	Steel CF	Steel A3C	Stainless Steel 71
06LR		04/06/08-LLR	06LR	G 1/8 A	9.8	14	2.5	1	DKA1/8CFX	DKA1/8A3CX	DKA1/871X	**VEDKA1/8CFX**	**VEDKA1/8A3CX**	**VEDKA1/871X**
08LR	06SR	08LR	06SR	G 1/4 A	13.3	18	3.0	3	DKA1/4CFX	DKA1/4A3CX	DKA1/471X	**VEDKA1/4CFX**	**VEDKA1/4A3CX**	**VEDKA1/471X**
10LR	08SR	10LR	08SR	G 1/4 A	13.3	18	3.0	3	DKA1/4CFX	DKA1/4A3CX	DKA1/471X	**VEDKA1/4CFX**	**VEDKA1/4A3CX**	**VEDKA1/471X**
12LR	10SR	12LR	10SR	G 3/8 A	16.8	22	3.0	3	DKA3/8CFX	DKA3/8A3CX	DKA3/871X	**VEDKA3/8CFX**	**VEDKA3/8A3CX**	**VEDKA3/871X**
	12SR		12SR	G 3/8 A	16.8	22	3.0	3	DKA3/8CFX	DKA3/8A3CX	DKA3/871X	**VEDKA3/8CFX**	**VEDKA3/8A3CX**	**VEDKA3/871X**
		15/18LR	14/16SR	G 1/2 A	21.1	26	3.0	4	DKA1/2CFX	DKA1/2A3CX	DKA1/271X	**VEDKA1/2CFX**	**VEDKA1/2A3CX**	**VEDKA1/271X**
15LR	14SR			G 1/2 A	21.1	26	4.5	6	DKA1/2x4.5CFX	DKA1/2x4.5A3CX	DKA1/2x4.571X	**VEDKA1/2x4.5CFX**	**VEDKA1/2x4.5A3CX**	**VEDKA1/2x4.571X**
18LR	16SR			G 1/2 A	21.1	26	4.5	6	DKA1/2x4.5CFX	DKA1/2x4.5A3CX	DKA1/2x4.571X	**VEDKA1/2x4.5CFX**	**VEDKA1/2x4.5A3CX**	**VEDKA1/2x4.571X**
22LR	20SR	22LR	20SR	G 3/4 A	26.6	32	3.5	6	DKA3/4CFX	DKA3/4A3CX	DKA3/471X	**VEDKA3/4CFX**	**VEDKA3/4A3CX**	**VEDKA3/471X**
28LR	25SR			G 1 A	33.4	39	3.5	8	DKA1CFX	DKA1A3CX	DKA171X	**VEDKA1CFX**	**VEDKA1A3CX**	**VEDKA171X**
35LR	30SR			G 1 1/4 A	42.1	49	3.5	1 2	DKA11/4CFX	DKA11/4A3CX	DKA11/471X	**VEDKA11/4CFX**	**VEDKA11/4A3CX**	**VEDKA11/471X**
42LR	38SR			G 1 1/2 A	48.1	55	3.5	1 5	DKA11/2CFX	DKA11/2A3CX	DKA11/271X	**VEDKA11/2CFX**	**VEDKA11/2A3CX**	**VEDKA11/271X**

WH/TH		For SWVE		Male stud metric thread	D1	D2	L1	Weight g/1 piece	DIN Order Code			VELOCK Order Code		
									Steel CF	Steel A3C	Stainless Steel 71	**Steel CF**	**Steel A3C**	**Stainless Steel 71**
		04LLM		M 8x1	8.1	12	2.5	1	DKA08CFX	DKA08A3CX	DKA0871X	**VEDKA08CFX**	**VEDKA08A3CX**	**VEDKA0871X**
06LM		06/08LLM	06LM	M 10x1	10.1	14	3.0	1	DKA10CFX	DKA10A3CX	DKA1071X	**VEDKA10CFX**	**VEDKA10A3CX**	**VEDKA1071X**
08LM	06SM	08LM	06SM	M 12x1.5	12.1	17	3.0	2	DKA12CFX	DKA12A3CX	DKA1271X	**VEDKA12CFX**	**VEDKA12A3CX**	**VEDKA1271X**
10LM	08SM	10LM	08SM	M 14x1.5	14.1	19	3.0	3	DKA14CFX	DKA14A3CX	DKA1471X	**VEDKA14CFX**	**VEDKA14A3CX**	**VEDKA1471X**
12LM	10SM	12LM	10SM	M 16x1.5	16.1	21	3.0	3	DKA16CFX	DKA16A3CX	DKA1671X	**VEDKA16CFX**	**VEDKA16A3CX**	**VEDKA1671X**
15LM	12SM	15LM	12SM	M 18x1.5	18.1	23	3.0	3	DKA18CFX	DKA18A3CX	DKA1871X	**VEDKA18CFX**	**VEDKA18A3CX**	**VEDKA1871X**
	14SM		14-SM	M 20x1.5	20.1	25	3.0	4	DKA20CFX	DKA20A3CX	DKA2071X	**VEDKA20CFX**	**VEDKA20A3CX**	**VEDKA2071X**
		18LM	16SM	M 22x1.5	22.1	27	3.0	4	DKA22CFX	DKA22A3CX		**VEDKA22CFX**	**VEDKA22A3CX**	
18LM	16SM			M 22x1.5	22.1	27	4.5	6	DKA22x4.5CFX	DKA22x4.5A3CX	DKA22x4.571X	**VEDKA22x4.5CFX**	**VEDKA22x4.5A3CX**	**VEDKA22x4.571X**
			22LM	M 26x1.5	26.1	31	3.0	6	DKA26CFX	DKA26A3CX		**VEDKA26CFX**	**VEDKA26A3CX**	
22LM				M 26x1.5	26.1	31	3.5	6	DKA26x3.5CFX	DKA26x3.5A3CX	DKA26x3.571X	**VEDKA26x3.5CFX**	**VEDKA26x3.5A3CX**	**VEDKA26x3.571X**
		20SM	20SM	M 27x2	27.1	32	3.5	6	DKA27CFX	DKA27A3CX	DKA2771X	**VEDKA27CFX**	**VEDKA27A3CX**	**VEDKA2771X**
28LM	25SM			M 33x2	33.1	39	3.5	8	DKA33CFX	DKA33A3CX	DKA3371X	**VEDKA33CFX**	**VEDKA33A3CX**	**VEDKA3371X**
35LM	30SM			M 42x2	42.1	49	3.5	12	DKA11/4CFX	DKA11/4A3CX	DKA11/471X	**VEDKA11/4CFX**	**VEDKA11/4A3CX**	**VEDKA11/471X**
42LM	38SM			M 48x2	48.1	55	3.5	15	DKA11/2CFX	DKA11/2A3CX	DKA11/271X	**VEDKA11/2CFX**	**VEDKA11/2A3CX**	**VEDKA11/271X**

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Weld Fittings

Weld nipple fittings with an O-ring seal between weld nipple and fitting body give impressive tear out resistance and sealing integrity.

Weld nipples SKA conform with DIN 3865 form A.

Fitting bodies and nuts are fully interchangeable for weld nipple and for 2/progressive ring fittings of the same series and external tube diameter.

Materials and surface protection:

Steel phosphated and oiled, O-ring of NBR (e.g. Perbunan). Stainless steel 1.4571, O-ring of FPM (e.g. Viton)

Welding suitability and weldability

Weld nipples, tube bend weld nipples and ASK types made of steel are weldable according to usual techniques. Types made of 1.4571 (stainless) are suitable for arc welding. The welding filler should be selected in accordance with DIN 8556 part 1 with consideration of the type of application and the welding technique.

Tube recommendation

We recommend the use of tubes in steel and stainless steel as illustrated in this catalogue.

Nominal Pressure (PN) of complete w eld nipple fittings

The nominal working pressure (PN) of a complete weld nipple fitting is dependant upon the least rated component, i.e. tube, weld nipple or fitting. The component out of these three with the lowest rated pressure or working pressure determines the nominal pressure (PN) of the complete fitting.

Permissible temperature range:

For weld nipples, tube bends with weld nipples and ASK types of steel with O-rings of

NBR (e.g. Perbunan): –35°C to + 100°C

FPM (e.g.viton): –25°C to + 200°C

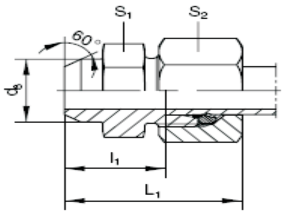
without pressure reductions.

For temperature range and necessary pressure reductions for weld nipples, weld nipple fittings and ASK types of 1.4571, see corresponding page.

Fitting assembly:

1. Cut off the tube square, deburr and bevel the end of the tube in conformance with DIN 2559.
2. Slide nut onto the weld nipple.
3. Weld nipple to the tube according to normal welding procedure. The tube and nipple must be aligned. Before welding, please remove the nut.
4. Dress the weld on the inside and outside.
5. Fit the O-ring without twisting. The taper, the nut and the cone must all be clean.
6. Oil the nut, taper and cone and thread before assembly
7. Screw on the nut by hand. Fully tighten using a spanner with 1/4 to 1/2 turns.

Make sure that the tube with the weld nipple is assembled straight and without in built stress.

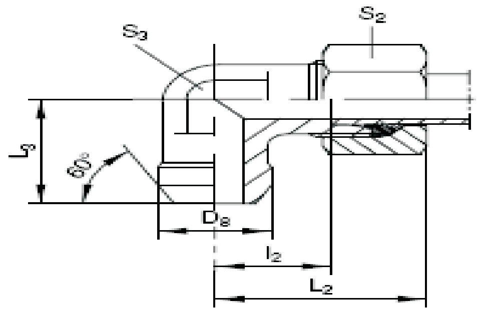


Tube End / Butt Weld

Series	Tube O.D.	VE-LOCK PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	L1	l 1	S1	S2	d8	Weight gr/1 piece
L	06	**VE AS 6L**	315	500	29	14.0	12	14	10	22
	08	**VE AS 8L**	315	500	31	16.0	14	17	12	33
	10	**VE AS 10L**	315	500	33	18.0	17	19	14	43
	12	**VE AS 12L**	315	400	33	18.0	19	22	16	55
	15	**VE AS 15L**	315	400	37	22.0	22	27	19	90
	18	**VE AS 18L**	315	400	40	23.5	27	32	22	134
	22	**VE AS 22L**	160	250	45	28.5	32	36	27	188
	28	**VE AS 28L**	160	250	47	30.5	41	41	32	263
	35	**VE AS 35L**	160	250	54	32.5	46	50	40	388
	42	**VE AS 42L**	160	250	58	35.0	55	60	46	561
S	06	**VE AS 6S**	630	900	34	19.0	14	17	11	40
	08	**VE AS 8S**	630	900	36	21.0	17	19	13	54
	10	**VE AS 10S**	630	900	39	22.5	19	22	15	75
	12	**VE AS 12S**	630	900	41	24.5	22	24	17	93
	14	**VE AS 14S**	630	700	45	27.0	24	27	19	127
	16	**VE AS 16S**	400	630	45	26.5	27	30	21	153
	20	**VE AS 20S**	400	630	51	29.5	32	36	26	244
	25	**VE AS 25S**	400	630	56	32.0	41	46	31	434
	30	**VE AS 30S**	400	420	62	35.5	46	50	36	535
	38	**VE AS 38S**	315	420	69	38.0	55	60	44	809

Without nut and ring:
Example → **AS06LX** **AS06LX** **AS06L71X** **AS06L71X**

* S1 - Dimensions may vary according to the forged body

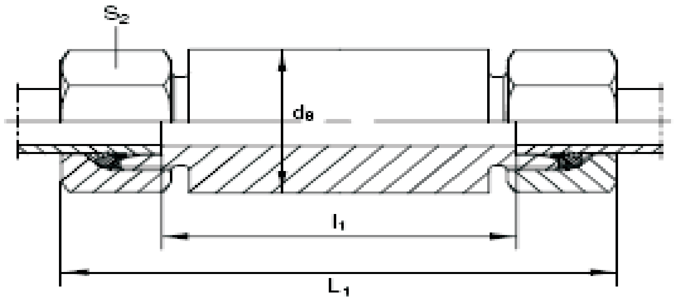


Tube End / Butt Weld

Series	Tube O.D.	VE-LOCK PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	L2	l2	L3	S2	S3	D8	Weight gr./1 piece
L	06	**VE WAS 6L**	315	500	27	12.0	19	14	12	10	30
	08	**VE WAS 8L**	315	500	29	14.0	23	17	12	12	36
	10	**VE WAS 10L**	315	500	30	15.0	24	19	14	14	52
	12	**VE WAS 12L**	315	400	32	17.0	25	22	17	16	73
	15	**VE WAS 15L**	315	400	36	21.0	30	27	19	19	120
	18	**VE WAS 18L**	315	400	40	23.5	33	32	24	22	166
	22	**VE WAS 22L**	160	250	44	27.5	37	36	27	27	246
	28	**VE WAS 28L**	160	250	47	30.5	42	41	36	32	347
	35	**VE WAS 35L**	160	250	56	34.5	49	50	41	40	612
	42	**VE WAS 42L**	160	250	63	40.0	57	60	50	46	846
S	06	**VE WAS 6S**	630	900	31	16.0	23	17	12	11	52
	08	**VE WAS 8S**	630	900	32	17.0	24	19	14	13	64
	10	**VE WAS 10S**	630	900	34	17.5	25	22	17	15	97
	12	**VE WAS 12S**	630	900	38	21.5	29	24	17	17	108
	14	**VE WAS 14S**	630	700	40	22.0	30	27	19	19	153
	16	**VE WAS 16S**	400	630	43	24.5	33	30	24	21	189
	20	**VE WAS 20S**	400	500	48	26.5	37	36	27	26	303
	25	**VE WAS 25S**	400	500	54	30.0	42	46	36	31	580
	30	**VE WAS 30S**	400	420	62	35.5	49	50	41	36	744
	38	**VE WAS 38S**	315	420	72	41.0	57	60	50	44	989

Without Nut
Example → **WAS06LX** **WAS06LX**

* S1 - Dimensions may vary according to the forged body

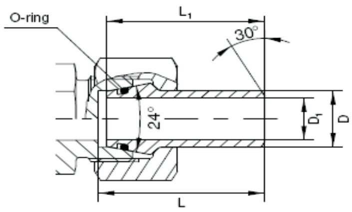


Series	Tube O.D.	**VE-LOCK PART CODE**	W.P. IN BAR MIN.	W.P. IN BAR MAX.	L1	l1	S2	d8	Weight gr./1 piece
L	06	**VE ESV 6L**	315	500	85	56	14	18	126
	08	**VE ESV 8L**	315	500	85	56	17	20	156
	10	**VE ESV 10L**	315	500	87	58	19	22	184
	12	**VE ESV 12L**	315	400	87	58	22	25	234
	15	**VE ESV 15L**	315	400	100	70	27	28	355
	18	**VE ESV 18L**	315	400	101	69	32	32	469
	22	**VE ESV 22L**	160	250	105	73	36	36	572
	28	**VE ESV 28L**	160	250	106	73	41	40	645
	35	**VE ESV 35L**	160	250	114	71	50	50	1025
	42	**VE ESV 42L**	160	250	115	70	60	60	1475
S	06	**VE ESV 6S**	630	900	89	60	17	20	174
	08	**VE ESV 8S**	630	900	89	60	19	22	208
	10	**VE ESV 10S**	630	900	91	59	22	25	268
	12	**VE ESV 12S**	630	900	91	59	24	28	324
	14	**VE ESV 14S**	630	700	107	72	27	30	451
	16	**VE ESV 16S**	400	630	107	71	30	35	584
	20	**VE ESV 20S**	400	630	114	71	36	38	737
	25	**VE ESV 25S**	400	630	120	72	46	45	1151
	30	**VE ESV 30S**	400	420	126	73	50	50	1348
	38	**VE ESV 38S**	315	420	133	72	60	60	1970

* S1 - Dimensions may vary according to the forged body

WELD NIPPLE - WNO

DIN 2353 24^0 CONE TYPE



Series	Tube O.D.	Seamless steel tube St 37.4	VE-LOCK PART CODE	W.P. MAX IN BAR	L	L1	D	D1	O-ring Shore-Hardness approx. 90	Weight gr./1 piece
L/S	06	6×1.5	**WNO 6 x 1.5**	550	31.5	31.0	6	3.0	4.5X1.5X	7
	08	8×1.5	**WNO 8×1.5**	430	31.5	31.0	8	4.5	6.5X1.5X	11
	08	8×2.0	**WNO 8×2.0**	550	31.5	31.0	8	4.0	6.5X1.5X	11
	10	10×1.0	**WNO 10×1.0**	280	33.5	32.5	10	8.0	8.0X1.5X	13
	10	10×1.5	**WNO 10×1.5**	370	33.5	32.5	10	7.0	8.0X1.5X	13
	10	10×2.0	**WNO 10×2.0**	480	33.5	32.5	10	6.0	8.0X1.5X	16
	12	12×1.5	**WNO 12×1.5**	350	33.5	32.5	12	9.0	10.0X1.5X	20
	12	12×2.0	**WNO 12×2.0**	400	33.5	32.5	12	8.0	10.0X1.5X	20
	12	12×2.5	**WNO 12×2.5**	500	33.5	32.5	12	7.0	10.0X1.5X	22
L	15	15×2.0	**WNO 15×2.0**	370	34.5	34.0	15	11.0	12.0X2.0X	3
	15	15×2.5	**WNO 15×2.5**	410	34.5	34.0	15	10.0	12.0X2.0X	31
	18	18×2.5	**WNO 18×2.5**	390	36.5	35.5	18	13.0	15.0X2.0X	37
	22	22×2.5	**WNO 22×2.5**	320	39.5	38.5	22	17.0	20.0X2.0X	51
	28	28×2.5	**WNO 28×2.5**	250	42.5	41.5	28	23.0	26.0X2.0X	82
	28	28×3.0	**WNO 28×3.0**	300	42.5	41.5	28	22.0	26.0X2.0X	88
	35	35×3.5	**WNO 35×3.5**	280	49.5	47.5	35	28.0	32.0X2.5X	140
	35	35×4.0	**WNO 35×4.0**	320	49.5	47.5	35	27.0	32.0X2.5X	150
	42	42×3.0	**WNO 42×3.0**	200	50.0	47.5	42	36.0	38.0X2.5X	170
	42	42×4.0	**WNO 42×4.0**	270	50.0	47.5	42	34.0	38.0X2.5X	190
S	14	14×2.0	**WNO 14×2.0**	400	39.5	38.5	14	10.0	11.0X2.0X	26
	14	14×3.0	**WNO 14×3.0**	500	39.5	38.5	14	8.0	11.0X2.0X	33
	16	16×1.5	**WNO 16×1.5**	260	40.5	39.0	16	13.0	13.0X2.0X	30
	16	16×2.0	**WNO 16×2.0**	350	40.5	39.0	16	12.0	13.0X2.0X	31
	16	16×2.5	**WNO 16×2.5**	390	40.5	39.0	16	11.0	13.0X2.0X	35
	16	16×3.0	**WNO 16×3.0**	450	40.5	39.0	16	10.0	13.0X2.0X	41
	20	20×2.0	**WNO 20×2.0**	280	47.0	45.0	20	16.0	16.3X2.4X	57
	20	20×2.5	**WNO 20×2.5**	350	47.0	45.0	20	15.0	16.3X2.4X	57
	20	20×3.0	**WNO 20×3.0**	370	47.0	45.0	20	14.0	16.3X2.4X	64
	20	20×3.5	**WNO 20×3.5**	430	47.0	45.0	20	13.0	16.3X2.4X	73
	20	20×4.0	**WNO 20×4.0**	480	47.0	45.0	20	12.0	16.3X2.4X	78
	25	25×3.0	**WNO 25×3.0**	340	53.0	49.5	25	19.0	20.3X2.4X	89
	25	25×3.5	**WNO 25×3.5**	360	53.0	49.5	25	18.0	20.3X2.4X	102
	25	25×4.0	**WNO 25×4.0**	390	53.0	49.5	25	17.0	20.3X2.4X	111
	25	25×5.0	**WNO 25×5.0**	480	53.0	49.5	25	15.0	20.3X2.4X	125
	30	30×3.0	**WNO 30×3.0**	280	57.0	52.0	30	24.0	25.3X2.4X	113
	30	30×4.0	**WNO 30×4.0**	380	57.0	52.0	30	22.0	25.3X2.4X	141
	30	30×5.0	**WNO 30×5.0**	410	57.0	52.0	30	20.0	25.3X2.4X	166
	30	30×6.0	**WNO 30×6.0**	480	57.0	52.0	30	18.0	25.3X2.4X	188
	38	38×3.0	**WNO 38×3.0**	220	64.0	56.5	38	32.0	33.3X2.4X	165
	38	38×4.0	**WNO 38×4.0**	300	64.0	56.5	38	30.0	33.3X2.4X	209
	38	38×5.0	**WNO 38×5.0**	370	64.0	56.5	38	28.0	33.3X2.4X	252
	38	38×6.0	**WNO 38×6.0**	390	64.0	56.5	38	26.0	33.3X2.4X	270
	38	38×7.0	**WNO 38×7.0**	450	64.0	56.5	38	24.0	33.3X2.4X	303

O - ring - NBR RING WILL BE GIVEN. (VITON ONLY ON REQUEST WITH EXTRA CHARGE)

Fig. A

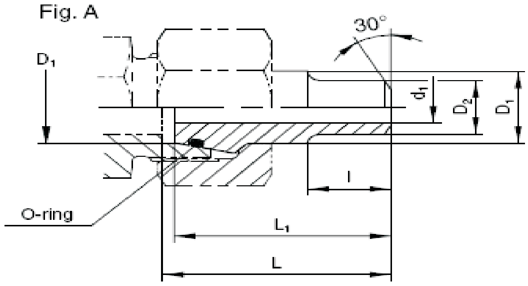
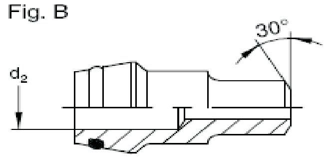


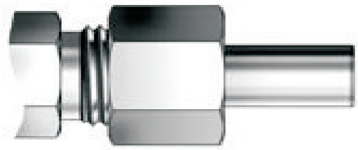
Fig. B

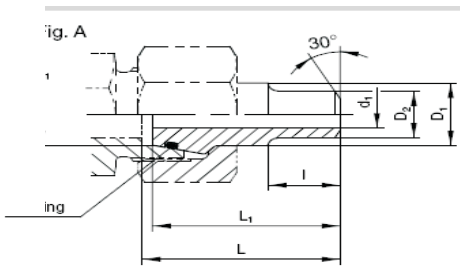


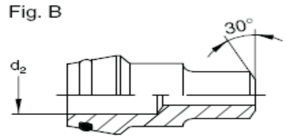
Series	Tube O.D. D1	Tube O.D. D2	VE-LOCK PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	d1	d2	l	l1	l	Flg	O-ring shore-Hardness approx 90	Weight gr/1 plece
L and S	08	06	**VE WNO R 8 - 6**	528	550	3		31.5	31.0	12	A	6.5X1.5	14
	10	06	**VE WNO R 10 - 6**	528	550	3		33.5	32.5	12	B	8.0X1.5	15
	10	08	**VE WNO R 10 - 8**	414	430	5	5	33.5	32.5	12	A	8.0X1.5	16
	10	08	**VE WNO R 10 - 8**	528	550	4		33.5	32.5	12	A	8.0X1.5	17
	12	08	**VE WNO R 12 - 8**	414	430	5		33.5	32.5	14	A	10.0X1.5	18
	12	08	**VE WNO R 12 - 8**	528	550	4	6	33.5	32.5	14	B	10.0X1.5	20
	12	10	**VE WNO R 12 - 10**	358	370	7		33.5	32.5	14	A	10.0X1.5	18
S	16	10	**VE WNO R 16 -10**	460	480	6		40.5	39.0	15	A	13.0X2.0	43
	16	12	**VE WNO R 16 -12**	305	350	9		40.5	39.0	15	A	13.0X2.0	45
	16	12	**VE WNO R 16 - 12**	393	410	8		40.5	39.0	15	A	13.0X2.0	47
	16	12	**VE WNO R 16 - 12**	476	500	7		40.5	39.0	15	A	13.0X2.0	49
	16	12	**VE WNO R 16 - 12**	553	580	6		40.5	39.0	15	A	13.0X2.0	51
	20	12	**VE WNO R 20 - 12**	305	350	9		47.0	45.0	17	A	16.3X2.4	76
	20	12	**VE WNO R 20 - 12**	393	410	8		47.0	45.0	17	A	16.3X2.4	78
	20	12	**VE WNO R 20 - 12**	476	490	7		47.0	45.0	17	A	16.3X2.4	80
	20	12	**VE WNO R 20 - 12**	460	480	6	12	47.0	45.0	17	B	16.3X2.4	82
	20	16	**VE WNO R 20 - 16**	305	350	12		47.0	45.0	17	A	16.3X2.4	74
	20	16	**VE WNO R 20 - 16**	372	390	11		47.0	45.0	17	A	16.3X2.4	76
	20	16	**VE WNO R 20 - 16**	435	450	10		47.0	45.0	17	A	16.3X2.4	78
	25	12	**VE WNO R 25 - 12**	305	350	9		53.0	49.5	20	A	20.3X2.4	117
	25	12	**VE WNO R 25 - 12**	393	410	8		53.0	49.5	20	A	20.3X2.4	121
	25	12	**VE WNO R 25 - 12**	476	500	7		53.0	49.5	20	A	20.3X2.4	125
	25	12	**VE WNO R 25 - 12**	460	480	6	15	53.0	49.5	20	B	20.3X2.4	129
	25	16	**VE WNO R 25 - 16**	305	350	12		53.0	49.5	20	A	20.3X2.4	115
	25	16	**VE WNO R 25 - 16**	372	390	11		53.0	49.5	20	A	20.3X2.4	119
	25	16	**VE WNO R 25 - 16**	435	450	10		53.0	49.5	20	A	20.3X2.4	123
	25	20	**VE WNO R 25 - 20**	249	280	16		53.0	49.5	20	A	20.3X2.4	94
	25	20	**VE WNO R 25 - 20**	305	350	15		53.0	49.5	20	A	20.3X2.4	104
	25	20	**VE WNO R 25 - 20**	358	370	14		53.0	49.5	20	A	20.3X2.4	114
	25	20	**VE WNO R 25 - 20**	460	480	12		53.0	49.5	20	A	20.3X2.4	124
	30	12	**VE WNO R 30 - 12**	305	350	9	22	57.0	52.0	22	B	25.3X2.4	135
	30	12	**VE WNO R 30 - 12**	323	380	8	22	57.0	52.0	22	B	25.3X2.4	145
	30	12	**VE WNO R 30 - 12**	323	380	6	22	57.0	52.0	22	B	25.3X2.4	155
	30	16	**VE WNO R 30 - 16**	305	350	12		57.0	52.0	22	A	25.3X2.4	166
	30	16	**VE WNO R 30 - 16**	323	380	11	22	57.0	52.0	22	B	25.3X2.4	176
	30	20	**VE WNO R 30 - 20**	249	280	16		57.0	52.0	22	A	25.3X2.4	149
	30	20	**VE WNO R 30 - 20**	305	350	15		57.0	52.0	22	A	25.3X2.4	159
	30	20	**VE WNO R 30 - 20**	358	370	14		57.0	52.0	22	A	25.3X2.4	169
	30	20	**VE WNO R 30 - 20**	460	480	12		57.0	52.0	22	A	25.3X2.4	179
	30	25	**VE WNO R 30 - 25**	249	280	20		57.0	52.0	22	A	25.3X2.4	141
	30	25	**VE WNO R 30 - 25**	294	340	19		57.0	52.0	22	A	25.3X2.4	156
	30	25	**VE WNO R 30 - 25**	379	390	17		57.0	52.0	22	A	25.3X2.4	171
	38	12	**VE WNO R 38 - 12**	305	350	9	28	64.0	56.5	26	B	33.3X2.4	219
	38	12	**VE WNO R 38 - 12**	319	370	8	28	64.0	56.5	26	B	33.3X2.4	234
	38	12	**VE WNO R 38 - 12**	319	370	6	28	64.0	56.5	26	B	33.3X2.4	249
	38	16	**VE WNO R 38 - 16**	305	350	12		64.0	56.5	26	A	33.3X2.4	279
	38	16	**VE WNO R 38 - 16**	319	370	11	28	64.0	56.5	26	B	33.3X2.4	294

REDUCING WELD NIPPLE WNOR

DIN 2353 24^{0} CONE TYPE

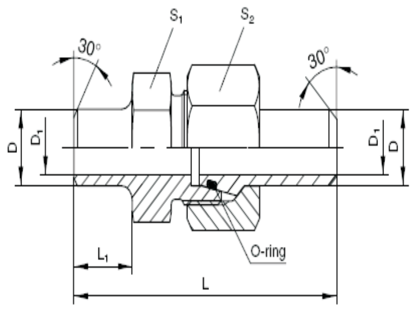






Series	Tube O.D.		VE-LOCK PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	d1	d2	l	l1	l	Flg	O-ring shore-Hardness approx 90	Weight
	D1	D2											gr/1 plece
S	38	16	**VE WNO R 38 - 16**	319	270	10	28	64.0	56.5	26	B	33.3X2.4	309
	38	20	**VE WNO R 38 - 20**	249	280	16	28	64.0	56.5	26	B	33.3X2.4	263
	38	20	**VE WNO R 38 - 20**	305	350	15	28	64.0	56.5	26	B	33.3X2.4	278
	38	20	**VE WNO R 38 - 20**	319	370	14	28	64.0	56.5	26	B	33.3X2.4	293
	38	20	**VE WNO R 38 - 20**	319	370	12	28	64.0	56.5	26	B	33.3X2.4	308
	38	25	**VE WNO R 38 - 25**	249	280	20		64.0	56.5	26	A	33.3X2.4	242
	38	25	**VE WNO R 38 - 25**	294	340	19		64.0	56.5	26	A	33.3X2.4	262
	38	25	**VE WNO R 38 - 25**	319	370	17	28	64.0	56.5	26	B	33.3X2.4	285
	38	30	**VE WNO R 38 - 30**	249	280	24		64.0	56.5	26	A	33.3X2.4	256
	38	30	**VE WNO R 38 - 30**	323	380	22		64.0	56.5	26	A	33.3X2.4	286
	38	30	**VE WNO R 38 - 30**	393	410	20		64.0	56.5	26	A	33.3X2.4	316

O - ring - NBR RING WILL BE GIVEN. (VITON ONLY ON REQUEST WITH EXTRA CHARGE)

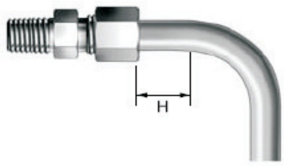


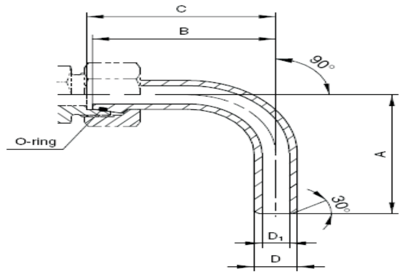
Series	Tube O.D.	Seamless steel tube	VE-LOCK PART CODE	W.P. IN BAR MIN.	W.P. IN BAR MAX.	S1	S2	L	L1	D	D1	O-ring Shore-Hardness approx. 90	Weight gr./1 piece
S	10	10×1.0	**VE ASK 10×1.0**	249	280	19	22	58.0	10.0	10	8	8.0X1.5	75
	10	10×1.5	**VE ASK 10×1.5**	358	370	19	22	58.0	10.0	10	7	8.0X1.5	80
	10	10×2.0	**VE ASK 10×2.0**	460	480	19	22	58.0	10.0	10	6	8.0X1.5	85
	12	12×1.5	**VE ASK 12×1.5**	305	350	22	24	63.0	15.0	12	9	10.0X1.5	102
	12	12×2.0	**VE ASK 12×2.0**	393	410	22	24	63.0	15.0	12	8	10.0X1.5	105
	12	12×2.5	**VE ASK 12×2.5**	476	500	22	24	63.0	15.0	12	7	10.0X1.5	110
	16	16×1.5	**VE ASK 16×1.5**	234	260	27	30	73.5	16.5	16	13	13.0X2.0	154
	16	16×2.0	**VE ASK 16×2.0**	305	350	27	30	73.5	16.5	16	12	13.0X2.0	177
	16	16×2.5	**VE ASK 16×2.5**	372	390	27	30	73.5	16.5	16	11	13.0X2.0	190
	16	16×3.0	**VE ASK 16×3.0**	400	450	27	30	73.5	16.5	16	10	13.0X2.0	204
	20	20×2.0	**VE ASK 20×2.0**	249	280	32	36	83.5	19.0	20	16	16.3X2.4	301
	20	20×2.5	**VE ASK 20×2.5**	305	350	32	36	83.5	19.0	20	15	16.3X2.4	296
	20	20×3.0	**VE ASK 20×3.0**	358	370	32	36	83.5	19.0	20	14	16.3X2.4	302
	20	20×4.0	**VE ASK 20×4.0**	400	480	32	36	83.5	19.0	20	12	16.3X2.4	327
	25	25×3.0	**VE ASK 25×3.0**	294	340	41	46	92.5	19.5	25	19	20.3X2.4	572
	25	25×4.0	**VE ASK 25×4.0**	379	390	41	46	92.5	19.5	25	17	20.3X2.4	559
	25	25×5.0	**VE ASK 25×5.0**	400	480	41	46	92.5	19.5	25	15	20.3X2.4	589
	30	30×3.0	**VE ASK 30×3.0**	249	280	46	50	101.5	23.0	30	24	25.3X2.4	647
	30	30×4.0	**VE ASK 30×4.0**	323	380	46	50	101.5	23.0	30	22	25.3X2.4	691
	30	30×5.0	**VE ASK 30×5.0**	393	410	46	50	101.5	23.0	30	20	25.3X2.4	739
	30	30×6.0	**VE ASK 30×6.0**	400	420	46	50	101.5	23.0	30	18	25.3X2.4	791
	38	38×4.0	**VE ASK 38×4.0**	261	300	55	60	108.0	22.0	38	30	33.3X2.4	1005
	38	38×5.0	**VE ASK 38×5.0**	315	370	55	60	108.0	22.0	38	28	33.3X2.4	1062
	38	38×6.0	**VE ASK 38×6.0**	315	390	55	60	108.0	22.0	38	26	33.3X2.4	1129
	38	38×7.0	**VE ASK 38×7.0**	315	420	55	60	108.0	22.0	38	24	33.3X2.4	1205

O - ring FPM (e.g. Viton):

Example - **ORS.OX1.5VITX**

* S1 - Dimensions may vary according to the forged body





Series	Tube O.D.	Seamless steel tube st. 37.4	PN (bar)	Pmax (bar)	D	D1	A	B	C	O-ring Shore-Hardness approx. 90	Weight gr./1 piece	Steel	Stainless steel
S	10	10×2	460	480	10	6	45	49	50.0	OR8.0X1.5X	33	SKA10X2RB	SKA10X2RB71
	12	12×2.5	476	500	12	7	50	51	52.0	OR10.0X1.5X	50	SKA12X2.5RB	SKA12X2.5RB71
	16	16×3	435	450	16	10	60	67	68.5	OR13.0X2.0X	105	SKA16X3RB	SKA16X3RB71
	20	20×4	460	480	20	12	65	85	87.0	OR16.3X2.4X	217	SKA20X4RB	SKA20X4RB71
	25	25×4	379	400	25	17	85	85	88.5	OR20.3X2.4X	295	SKA25X4RB	SKA25X4RB71
	25	25×5	460	480	25	15	85	85	88.5	OR20.3X2.4X	353	SKA25X5RB	SKA25X5RB71
	30	30×4	323	380	30	22	110	111	116.0	OR25.3X2.4X	469	SKA30X4RB	SKA30X4RB71
	30	30×5	393	410	30	20	110	111	116.0	OR25.3X2.4X	568	SKA30X5RB	SKA30X5RB71
	38	38×5	319	370	38	28	130	136	143.5	OR33.3X2.4X	876	SKA38X5RB	SKA38X5RB71
	38	38×6	375	390	38	26	130	136	143.5	OR33.3X2.4X	1045	SKA38X6RB	SKA38X6RB71

O-ring FPM (e. g. Viton):

Example → **OR8.0X1.5VITX** **OR8.0X1.5VITX**

* S1 - Dimensions may vary according to the forged body

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VAISHNAVI HYDRAULICS PVT. LTD.

TYPE TEST AS PER IS 10103: 1982 - DIAMENSION INSPECTION REPORT

INSPECTION DATE		REF P.O. NO OF CLIENT :-	
DESCRIPTION OF GOODS - TUBE END REDUCER - RED 28/10L A3C		P.O. DATE :-	
PART NO	RED 28/10L A3C	REF. DRG. NO.	RED 28/10 L A3C
LOT SIZE	25 NOS	SAMPLE SIZE :- Randomlly	

CALIBRATION STATUS / ACCURACY OF ALL THE INSTRUMENT AND GAUGES VERIFIED BEFORE COMMENCEMENT OF INSPECTION AND FOUND SATISFACTORY

THE BELOW STATED DIAMENSION OF ITEMS ARE IN MILIMETERS ONLY

PART DIAMENSION	ACTUAL DIAMENSION	TOLERANCE	SAMPLE NO-1	SAMPLE NO-2	SAMPLE NO-3	SAMPLE NO-4	SAMPLE NO-5	SAMPLE NO-6	SAMPLE NO-7	SAMPLE NO-8	SAMPLE NO-9	SAMPLE NO-10	SAMPLE NO-11	SAMPLE NO-12	SAMPLE NO-13
S1	32 MM	.+ / - 0.9	32	32	32	32	32	32	32	32	32	32	32	32	32
L1	42 MM	.+ / - 0.9	42.22	42.30	42.35	42.00	42.25	42.30	42.20	42.25	42.28	42.26	42.23	42.20	42.00
DIA D3	8 MM	.+ / - 0.5	8.08	7.96	8.04	8.02	8.05	7.98	8.02	8.04	8.08	8.05	8.06	8.06	8.06
DIA D1	28 MM	.+ / - 0.2	28.00	28.00	27.90	27.95	28.10	28.12	28.00	28.00	28.05	28.10	28.00	28.10	28.00

PART DIAMENSION	ACTUAL DIAMENSION	TOLERANCE	SAMPLE NO-14	SAMPLE NO-15	SAMPLE NO-16	SAMPLE NO-17	SAMPLE NO-18	SAMPLE NO-19	SAMPLE NO-20	SAMPLE NO-21	SAMPLE NO-22	SAMPLE NO-23	SAMPLE NO-24	SAMPLE NO-25
S1	32 MM	.+ / - 0.9	32	32	32	32	32	32	32	32	32	32	32	32
L1	42 MM	.+ / - 0.9	42.00	42.25	42.30	42.20	42.25	42.28	42.26	42.23	42.26	42.23	42.20	42.00
DIA D3	8 MM	.+ / - 0.5	8.08	7.96	8.04	8.02	8.05	7.98	8.02	8.04	8.08	8.05	8.06	8.06
DIA D1	28 MM	.+ / - 0.2	28.00	28.00	27.90	27.95	28.10	28.12	28.00	28.00	28.05	28.10	28.00	28.10

AQL - IS TOLERANCE LIMIT WITH IN +/- 0.1 TO 0.9 FOR ABOVE PART DIAMENSION

ALL THE ABOVE DIAMENSIONS ARE FOUND WITH IN LIMITS / NOT FOUND WITH IN LIMITS

CONCLUSION :- ALL SAMPLES ARE FOUND IN CONFORMANCE WITH THE SPECIFIED REQUIREMENTS FOR THE PARAMETER CHECK , HENCE THE LOT IS FOUND ACCEPTABLE

PREPARED BY - QC INCHARGE

INSPECTED BY :- QC ENGINEER

VE-LOCK

VAISHNAVI HYDRAULICS PVT. LTD.

TYPE TEST AS PER IS 10103 : 1982

4.6 - PROOF PRESSURE TEST

OUR INSPECTION DATE - 10-7-10			REF P.O. NO OF CLIENT :-
DESCRIPTION OF GOODS - TUBE END REDUCER - RED 28/10L A3C			P.O. DATE :-
PART NO	RED 28/10L A3C	REF. DRG. NO.	RED 28/10 L A3C
LOT SIZE	25 NOS	SAMPLE SIZE :- Randomlly	W.P. = 160 BAR

CALIBRATION STATUS / ACCURACY OF ALL THE INSTRUMENT AND GAUGES VERIFIED BEFORE COMMENCEMENT OF INSPECTION AND FOUND SATISFACTORY

Test Pr. REQUIRED	ACTUAL Test Pr.	TOLER ANCE	SAMPLE NO-1	SAMPLE NO-2	SAMPLE NO-3	SAMPLE NO-4	SAMPLE NO-5	SAMPLE NO-6	SAMPLE NO-7	SAMPLE NO-8	SAMPLE NO-9	SAMPLE NO-10	SAMPLE NO-11	SAMPLE NO-12	SAMPLE NO-13
240 BAR	240 BAR	.+ / - 20	242	245	250	240	240	243	240	245	246	248	252	240	250

Test Pr. REQUIRED	ACTUAL Test Pr.	TOLER ANCE	SAMPLE NO-14	SAMPLE NO-15	SAMPLE NO-16	SAMPLE NO-17	SAMPLE NO-18	SAMPLE NO-19	SAMPLE NO-20	SAMPLE NO-21	SAMPLE NO-22	SAMPLE NO-23	SAMPLE NO-24	SAMPLE NO-25	
240 BAR	240 BAR	.+ / - 20	242	245	250	240	240	243	240	245	246	248	252	240	

TESTED THE SAMPLES SIZE ITEMS FOR HYDRO PRESSURE TEST -UP TO TEST PRESSURE = 240 BAR UPTO 5 MINUTES & FOUND OK

TESTED THE SAMPLES SIZE ITEMS FOR HYDRO PRESSURE TEST -UP TO TEST PRESSURE = 240 BAR UP TO 5 MINUTES & FOUND WITHOUT LEAKAGE

CONCLUSION :- ALL SAMPLES ARE FOUND IN CONFORMANCE WITH THE SPECIFIED REQUIREMENTS FOR THE PARAMETER CHECK , HENCE THE LOT IS FOUND ACCEPTABLE

PREPARED BY - QC INCHARGE	**INSPECTED BY :- QC ENGINEER**

VE-LOCK

VAISHNAVI HYDRAULICS PVT. LTD.

TYPE TEST AS PER IS 10103 : 1982

4.7 DISMANTLING AND REASSEMBLY TEST

OUR INSPECTION DATE - 10-7-10

REF P.O. NO OF CLIENT :-

DESCRIPTION OF GOODS - TUBE END REDUCER - RED 28/10L A3C

P.O. DATE :-

PART NO	RED 28/10L A3C	REF. DRG. NO.	RED 28/10 L A3C
LOT SIZE	25 NOS	SAMPLE SIZE :- 3 SET	

TEST PRESSURE = 1.5 TIMES W.P. IN BAR

W.P. = 160 BAR

Dismantling & reaseembly - We have taken the above Three Test assemblies which have successfully completed Test 4.6 (Proof Pressure Test) shall have all the couplings fully dismantled & reassemlbed six times And we have tested on each reassembly, the coupling is tightened in accordance with assembly system given in general criteria , & then again tested all those Three couplings with test 4.6 (Proof Pressure test) & THE RESULT IS AS BELOW

Test Pr. REQUIRED	ACTUAL Test Pr.	TOLER ANCE	SAMPLE NO -1			SAMPLE NO -2			SAMPLE NO -3		
			T.P. = BAR			T.P. = BAR			T.P. = BAR		
240 BAR	240 BAR	.+ / - 20	240	240	245	250	245	240	245	240	240

TESTED THE SAMPLES SIZE ITEMS FOR HYDRO PRESSURE TEST -UP TO TEST PRESSURE = 240 BAR UPTO 5 MINUTES & FOUND OK

TESTED THE SAMPLES SIZE ITEMS FOR HYDRO PRESSURE TEST -UP TO TEST PRESSURE = 240 BAR UP TO 5 MINUTES & FOUND WITHOUT LEAKAGE

CONCLUSION :- ALL SAMPLES ARE FOUND IN CONFORMANCE WITH THE SPECIFIED REQUIREMENTS FOR THE PARAMETER CHECK , HENCE THE LOT IS FOUND ACCEPTABLE

PREPARED BY - QC INCHARGE

INSPECTED BY :- QC ENGINEER

VE-LOCK

VAISHNAVI HYDRAULICS PVT. LTD.

TYPE TEST AS PER IS 10103 : 1982

4.8 - BURST TEST

OUR INSPECTION DATE - 10-7-10

REF P.O. NO OF CLIENT :-

DESCRIPTION OF GOODS - TUBE END REDUCER - RED 28/10L A3C

P.O. DATE :-

PART NO	RED 28/10L A3C	REF. DRG. NO.	RED 28/10 L A3C
LOT SIZE	25 NOS	SAMPLE SIZE :- Randomlly	

W.P. = 160 BAR

BURST TEST- We have taken the above Three Test assemblies which have successfully completed Test 4.6 (Proof Pressure Test) shall be subjected to a pressure Four times the maximum working Pressure -i.e. = (w.p. = 160 Bar so Burst Test Pressure = 640 Bar). The Pressure is applied gradully at a ratio of 1.5 to 3.5 kgf/cm2/s till the Burst pressure is reached. AND THE RESULT FOUND ACCEPTABLE AS BELOW

CALIBRATION STATUS / ACCURACY OF ALL THE INSTRUMENT AND GAUGES VERIFIED BEFORE COMMENCEMENT OF INSPECTION AND FOUND SATISFACTORY

Test Pr. REQUIRED	ACTUAL Test Pr.	TOLERANCE	SAMPLE NO -1			SAMPLE NO -2			SAMPLE NO -3		
			BURST PR. = BAR			T.P. = BAR			T.P. = BAR		
640 BAR	640 BAR	.+ / - 20	650	640	645	640	645	650	640	645	650

TESTED THE SAMPLES SIZE ITEMS FOR HYDRO PRESSURE TEST -UP TO BURST PRESSURE = 640 BAR UPTO 5 MINUTES & FOUND OK

TESTED THE SAMPLES SIZE ITEMS FOR HYDRO PRESSURE TEST -UP TO BURST PRESSURE = 640 BAR UP TO 5 MINUTES & FOUND WITHOUT LEAKAGE

CONCLUSION :- ALL SAMPLES ARE FOUND IN CONFORMANCE WITH THE SPECIFIED REQUIREMENTS FOR THE PARAMETER CHECK , HENCE THE LOT IS FOUND ACCEPTABLE

PREPARED BY - QC INCHARGE

INSPECTED BY :- QC ENGINEER

VE-LOCK

VAISHNAVI HYDRAULICS PVT. LTD.

TYPE TEST AS PER IS 10103 : 1982

4.9 - VACUUM TEST

OUR INSPECTION DATE - 10-7-10				REF P.O. NO OF CLIENT :-
DESCRIPTION OF GOODS - TUBE END REDUCER - RED 28/10L A3C				P.O. DATE :-
PART NO	RED 28/10L A3C	REF. DRG. NO.	RED 28/10 L A3C	
LOT SIZE	25 NOS	SAMPLE SIZE :- Randomlly		

VACUMM TEST- We have taken the above Three Test assemblies which have successfully completed Test 4.6 (Proof Pressure Test) shall be subjected to a vacuum of 710 mm of mercury and kept isolated from the vacuum pump for 15 minutes as specified in IS 10103 standards to our vacuum test pump.

The test assemblies are to be degreased before this test & we found at the end of this test ,the vacuum is not reduced by more then 38 mm of mercury

VACUUM REQUIRED	ACTUAL TIME	TOLERANCE	SAMPLE NO -1	SAMPLE NO -2	SAMPLE NO -3
710 MM	15 MIN.	-	FOUND OK	FOUND OK	FOUND OK
OF MERCURY					

HENCE THE LOT OF ABOVE P.O. QTY. IS ACCETABLE FOR DESPATCH TO RCF KAPURTHALA.

PREPARED BY - QC INCHARGE

INSPECTED BY :- QC ENGINEER

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VAISHNAVI HYDRAULICS PVT. LTD.

TYPE TEST AS PER IS 10103 : 1982

4.10 - PRESSURE IMPLUSE TEST AND VIBRATIONS TEST

OUR INSPECTION DATE - 10-7-10				REF P.O. NO OF CLIENT :-
DESCRIPTION OF GOODS - TUBE END REDUCER - RED 28/10L A3C				P.O. DATE :-
PART NO	RED 28/10L A3C	REF. DRG. NO.	RED 28/10 L A3C	**TEST PRESSURE = 1.5 TIMES W.P. IN BAR**
LOT SIZE	25 NOS	SAMPLE SIZE :- Randomlly		W.P. = 160 BAR

PRESSURE IMPULSE & VIBRATIONS TEST- We have taken the above Three Test assemblies which have successfully completed Test 4.6 (Proof Pressure Test) shall be subjected to a hydrostatic pressure impulse test along with vibrations as specified in IS 10103 standards to our Hydrostatic test bench we found that, the test are subjected to simultaneously to pressure impulse at 30 to 100 cycles per Minutes and vibration in two mutually perpendicular planes at 1400 to 2800 cycles per min.for a minimum of 5×10^{6} Min. pressure impulses and 20×10^{6} max vibrations cycles.
The method of choosing the displacement and the cycles is outlined in the above standards. The only permissible retighteneing os allowed after the first 1000 prssure impulses to allow for bedding - in . When subjected to the test described this coupling is found NO leakage from ferrule side & in the assembly.

Frequency of vibrations taken = 1400 to 2800 cycles/min. & total No of cycles = 10×10^{6} Min.

Test Pr. REQUIRED	ACTUAL Test Pr.	TOLERANCE	SAMPLE NO -1	SAMPLE NO -2	SAMPLE NO -3
			T.P. = 300 BAR	T.P. = 300 BAR	T.P. = 300 BAR
240 BAR	240 BAR	.+ / - 20	NO LEAKAGE FOUND	NO LEAKAGE FOUND	NO LEAKAGE FOUND

TESTED THE ABOVE SAMPLES FOR HYDRO PRESSURE IMPULSE & VIBRATIONS TEST AS PER ABOVE METHOD & AS PER IS 10103 STANDARDS & FOUND NO LEAKAGE FROM THE COUPLINGS.

HENCE THE LOT OF ABOVE P.O. QTY. IS ACCETABLE FOR DESPATCH TO RCF KAPURTHALA.

PREPARED BY - QC INCHARGE

INSPECTED BY :- QC ENGINEER

प्ररूप ओ - 2
FORM O-2

बौद्धिक सम्पदा, भारत
Intellectual Property, India

सत्यमेव जयते

भारत सरकार

GOVERNMENT OF INDIA

व्यापार चिन्ह रजिस्ट्री
TRADE MARKS REGISTRY

क्रमांक
No. 808469

व्यापार चिन्ह अधिनियम, 1999
Trade Marks Act, 1999

व्यापार चिन्ह के रजिस्ट्रीकरण का प्रमाणपत्र, धारा 23 (2) नियम 62 (I)

Certificate of Registration of Trade Mark, Section 23 (2), Rule 62 (1)

व्यापार चिन्ह संख्या / Trade Mark No. 1625767 दिनांक/ Date 29/11/2007 ज.संख्या/ J.No. 1402

यह प्रमाणित किया जाता है कि जिस प्रकार चिन्ह की समाकृति इसके साथ संलग्न है, वह ....
के बारे में दिनांक .... नाम से रजिस्ट्रीकृत हो चुका है।

Certified that the Trade Mark / a representation is annexed hereto, has been registered in the name(s) of

MEHUL PADIYA, Trading as : VAISHNAVI ENGINEERING, 127, PARAS INDUSTRIAL ESTATE, KANCHPADA, MALAD (WEST), MUMBAI - 400 064., MANUFACTURER AND MERCHANT, (Single Firm)

In Class 6 Under No. 1625767 as of the Date 29 November 2007 in respect of

PIPE CLAMPS, VALVE FITTINGS, QUICK RELEASE COUPLING FLANGES AND HYDRAULIC ITEMS.

THIS IS XEROX COPY

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व्यापार चिन्ह रजिस्ट्री TRADE MARKS REGISTRY MUMBAI मुंबई

मेरे निदेश पर आज .... के .... मास के .... वे दिन को इस पर मुद्रा लगायी गई।

Sealed at my direction, this 31st day of March, 2009

व्यापार चिन्ह रजिस्ट्री,
Trade Marks Registry, Mumbai

व्यापार चिन्ह रजिस्ट्रार
Registrar of Trade Marks

रजिस्ट्रीकरण आवेदन की तारीख से १० वर्ष के लिए है और तदुपरान्त वह १० वर्ष की कालावधि के लिए और प्रत्येक १० वर्ष की कालावधि के अवसान पर भी नवीनीकृत किया जा सकेगा।
Registration is for 10 years from the date of application and may then be renewed for a period of 10 years and also at the expiration of each period of 10 years.

यह प्रमाणपत्र विधि कार्यवाहियों मे प्रयोग के लिये या विदेश में रजिस्ट्रीकरण अभिप्राप्त करने के लिये नहीं है।
This certificate is not for use in Legal proceedings or for obtaining Registration abroad.

टिप्पणी - इस व्यापार चिन्ह के स्वामित्व में कोई परिवर्तन होने पर, या कारबार के मुख्य स्थान के पते में या भारत में तामील के लिये पते में परिवर्तन होने पर परिवर्तन के लिये आवेदन तुरन्त किया जाना चाहिये।
Note : Upon any change of ownership of this Trade Mark, or change in address, of the principal place of business or address for service in India a request should **AT ONCE** be made to register the change.

CNT. No.:

UKAS QUALITY MANAGEMENT
229

REGISTRARS

Certificate Number:

50884

This is to certify that the Quality Management System of:

VAISHNAVI ENGINEERING

of

127, Paras Industrial Estate, Kanchpada, Malad (West), Mumbai,
Maharashtra-400 064,India

has been assessed and registered by ACS Registrars Ltd. against the following Quality Assurance Standard:

ISO 9001:2008

The scope of registration is detailed as indicated below:

"Manufacture, Assembly and Export of Hydraulic and Engineering Products including Tube Fittings, Pipe Clamps, Hydraulic Valves, Quick Release Couplings, Flanges and Hoses"

Signed by:

Date of initial assessment:	30/06/2010
Date of registration:	08/07/2010
Date reissued:	n/a
Date of expiry:	29/06/2013*

Whilst all due care and skill was exercised in carrying out this assessment, ACS Registrars Ltd. accepts responsibility only for proven gross negligence. This is not a legal document and cannot be used as such. This certificate remains the property of ACS Registrars Ltd. to whom it must be returned upon request. Certificate validity is based on successful completion of required surveillance visits.

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L&T Shipbuilding

HYDAC HYDAC (India) Pvt. Ltd.
Subsidiary of Hydac International, Germany

OAKWELL SHIPYARD

VE-LOCK®

VAISHNAVI HYDRAULICS PVT. LTD.

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