

MegaPress 316 FKM



MegaPress 316 FKM

Viega MegaPress 316 FKM fittings are the industry's first stainless fittings for Schedule 5 to 40 piping systems. Save on labor cost and system downtime with press fittings in a wide variety of configurations, available in sizes from ½" to 4". Viega MegaPress 316 with an FKM sealing element is suitable for use with hydronic applications, compressed air, industrial gases, marine applications and more.

FEATURES AND BENEFITS

- Engineered with a 420 stainless steel grip ring plus a 304 stainless steel separator ring for sizes ½" to 2" and a PBT separator ring for sizes 2½" to 4"
- Wide range of fitting configurations
- Eliminates threading and welding
- No fire watches, hot work permits or messy cutting oils
- Makes secure press connections on sizes from ½" to 4" in seconds
- Compatible with existing press tools
- Backed by limited written warranty

NOTE

Products within this section meet various codes, standards, listings and certifications. Please refer to the most up-to-date Tech Data sheets relevant to the product or to the listing agency's official record. A white dot indicates an FKM sealing element.

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Elbows



**ViEGA MegaPress 90° elbow
Smart Connect Technology**
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection
Components
 FKM sealing elements, grip rings, separator rings
Model 6816

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.326	10	91695	18
3/4	3/4	0.430	10	91700	18
1	1	0.809	5	91705	18
1 1/4	1 1/4	1.263	1	91710	18
1 1/2	1 1/2	1.488	1	91715	18
2	2	2.116	1	91720	18



**ViEGA MegaPress 90° elbow
Smart Connect Technology**
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection
Components
 FKM sealing elements, grip rings, separator rings
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.
Model 6816XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.438	1	98405	18
3	3	4.833	1	98410	18
4	4	8.036	1	98415	18



**ViEGA MegaPress 90° street elbow
Smart Connect Technology**
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection, street
Components
 FKM sealing element, grip ring, separator ring
Model 6816.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.313	10	91725	18
3/4	3/4	0.417	10	91730	18
1	1	0.807	5	91735	18
1 1/4	1 1/4	1.241	1	91740	18
1 1/2	1 1/2	1.466	1	91745	18
2	2	2.122	1	91750	18



**ViEGA MegaPress 90° street elbow
Smart Connect Technology**
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection, street
Components
 FKM sealing element, grip ring, separator ring
Note
 Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.
Model 6816.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2 1/2	2 1/2	3.407	1	98390	18
3	3	4.479	1	98395	18
4	4	7.593	1	98400	18



**ViEGA MegaPress 45° elbow
Smart Connect Technology**
 - For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection
Components
 FKM sealing elements, grip rings, separator rings
Model 6826

P1	P2	Wt [lb]	Quantity	Part No	DG
1/2	1/2	0.271	10	91755	18
3/4	3/4	0.357	10	91760	18
1	1	0.646	5	91765	18
1 1/4	1 1/4	1.047	1	91770	18
1 1/2	1 1/2	1.236	1	91775	18
2	2	1.622	1	91780	18


**Viega MegaPress 45° elbow
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6826XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	2.535	1	98510	18
3	3	3.537	1	98515	18
4	4	6.028	1	98520	18


**Viega MegaPress 45° street elbow
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection, street

Components

FKM sealing element, grip ring, separator ring

Model 6826.1

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
½	½	0.267	10	91785	18
¾	¾	0.353	10	91790	18
1	1	0.648	5	91795	18
1¼	1¼	1.009	1	91800	18
1½	1½	1.188	1	91805	18
2	2	1.671	1	91810	18


**Viega MegaPress 45° street elbow
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection, street

Components

FKM sealing element, grip ring, separator ring

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6826.1XL

P	FTG (IPS)	Wt [lb]	Quantity	Part No	DG
2½	2½	2.468	1	98495	18
3	3	3.262	1	98500	18
4	4	5.525	1	98505	18

Tees

**Viega MegaPress tee
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 6818

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
½	½	½	0.436	5	91600	18
¾	¾	½	0.544	5	91625	18
¾	¾	¾	0.580	5	91605	18
1	1	½	0.871	5	91630	18
1	1	¾	0.906	5	91635	18
1	1	1	1.014	5	91610	18
1¼	1¼	½	1.311	1	91645	18
1¼	1¼	¾	1.351	1	91650	18
1¼	1¼	1	1.448	1	91655	18
1¼	1¼	1¼	1.602	1	91640	18
1½	1½	½	1.536	1	91660	18
1½	1½	¾	0.893	1	91665	18
1½	1½	1	1.651	1	91670	18
1½	1½	1¼	1.849	1	91910	18
1½	1½	1½	1.882	1	91615	18
2	2	½	2.045	1	91675	18
2	2	¾	2.078	1	91680	18
2	2	1	2.195	1	91685	18
2	2	1¼	2.343	1	91915	18
2	2	1½	2.398	1	91690	18
2	2	2	2.526	1	91620	18



**Viega MegaPress tee
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection
- Components**
FKM sealing elements, grip rings, separator rings

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6818XL

P1	P2	P3	Wt [lb]	Quantity	Part No	DG
2½	2½	1½	2.874	1	98450	18
2½	2½	2	3.246	1	98455	18
2½	2½	2½	3.449	1	98435	18
3	3	1½	3.769	1	98465	18
3	3	2	4.088	1	98460	18
3	3	2½	4.450	1	98470	18
3	3	3	4.977	1	98440	18
4	4	1½	5.719	1	98475	18
4	4	2	6.105	1	98480	18
4	4	2½	6.482	1	98485	18
4	4	3	7.037	1	98490	18
4	4	4	8.355	1	98445	18



**Viega MegaPress tee
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection, female pipe thread
- Components**
FKM sealing elements, grip rings, separator rings

Model 6817.2

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
¾	¾	½	0.536	5	91845	18
¾	¾	¾	0.553	5	91850	18
1	1	½	0.860	5	91855	18
1	1	¾	0.882	5	91860	18
1¼	1¼	½	1.296	1	91865	18
1¼	1¼	¾	1.322	1	91870	18
1¼	1¼	1	1.497	1	91875	18
1½	1½	½	1.528	1	91880	18
1½	1½	¾	1.549	1	91885	18
1½	1½	1	1.706	1	91890	18
2	2	½	2.039	1	91895	18
2	2	¾	2.072	1	91900	18
2	2	1	2.241	1	91905	18



**Viega MegaPress tee
Smart Connect Technology**

- 316 stainless steel
 - Press connection, female pipe thread
- Components**
FKM sealing elements, grip rings, separator rings

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6817.2XL

P1	P2	FPT	Wt [lb]	Quantity	Part No	DG
2½	2½	¾	2.314	1	98420	18
3	3	¾	3.116	1	98425	18
4	4	¾	5.133	1	98430	18

Adapters



**Viega MegaPress adapter
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection, male pipe thread
- Components**
FKM sealing element, grip ring, separator ring

Model 6811

P	MPT	Wt [lb]	Quantity	Part No	DG
½	½	0.214	10	91205	18
¾	½	0.273	10	91210	18
¾	¾	0.287	10	91215	18
1	1	0.485	5	91220	18
1¼	1¼	0.802	1	91225	18
1½	1½	0.994	1	91230	18
2	2	1.311	1	91235	18



**Viega MegaPress adapter
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
 - 316 stainless steel
 - Press connection, male pipe thread
- Components**
FKM sealing element, grip ring, separator ring

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6811XL

P	MPT	Wt [lb]	Quantity	Part No	DG
2½	2½	1.666	1	98300	18
3	3	2.385	1	98305	18
4	4	4.243	1	98310	18



**Viega MegaPress adapter
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection, female pipe thread

Components

FKM sealing element, grip ring, separator ring

Model 6812

P	FPT	Wt [lb]	Quantity	Part No	DG
½	½	0.234	10	91240	18
¾	¾	0.293	10	91245	18
1	1	0.540	5	91250	18
1¼	1¼	0.688	1	91255	18
1½	1½	0.890	1	91260	18
2	2	1.258	1	91265	18



**Viega MegaPress adapter
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection, female pipe thread

Components

FKM sealing element, grip ring, separator ring

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6812XL

P	FPT	Wt [lb]	Quantity	Part No	DG
2½	2½	1.840	1	98315	18
3	3	2.398	1	98320	18
4	4	3.548	1	98325	18

Flanges



**Viega MegaPress flange
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing element, grip ring, separator ring

Model 6859

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
½	4	2¾	1.340	1	91175	18
¾	4	2¾	1.790	1	91180	18
1	4	3⅞	2.409	1	91185	18
1¼	4	3⅞	2.962	1	91190	18
1½	4	3½	3.696	1	91195	18
2	4	4¾	5.444	1	91200	18

BP = bolt pattern
BPd = bolt pattern diameter



**Viega MegaPress flange
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing element, grip ring, separator ring

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6859XL

P	BP	BPd	Wt [lb]	Quantity	Part No	DG
2½	4	5½	8.003	1	98525	18
3	4	6	10.383	1	98530	18
4	8	7½	14.044	1	98535	18

BP = bolt pattern
BPd = bolt pattern diameter

Caps



**Viega MegaPress cap
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing element, grip ring, separator ring

Model 6856

P	Wt [lb]	Quantity	Part No	DG
½	0.175	10	91815	18
¾	0.227	10	91820	18
1	0.386	5	91825	18
1¼	0.606	1	91830	18
1½	0.719	1	91835	18
2	0.921	1	91840	18



**Viega MegaPress cap
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing element, grip ring, separator ring

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6856.1XL

P	Wt [lb]	Quantity	Part No	DG
2½	1.206	1	98540	18
3	1.790	1	98545	18
4	2.852	1	98550	18

Unions



**Viega MegaPress union
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

AFM flat gasket, FKM sealing elements, grip rings, separator rings

Model 6860

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.636	5	91925	18
¾	¾	1.045	5	91930	18
1	1	1.358	5	91935	18
1¼	1¼	2.402	1	91940	18
1½	1½	2.518	1	91945	18
2	2	4.357	1	91950	18

Couplings



**Viega MegaPress coupling
With stop
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 6815

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.234	10	91100	18
¾	¾	0.302	10	91105	18
1	1	0.507	5	91110	18
1¼	1¼	0.844	1	91115	18
1½	1½	1.014	1	91120	18
2	2	1.276	1	91125	18



**Viega MegaPress coupling
With stop
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6815XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.757	1	98375	18
3	3	2.502	1	98380	18
4	4	4.238	1	98385	18



**Viega MegaPress slip coupling
No stop
Smart Connect Technology**

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 6815.5

P1	P2	Wt [lb]	Quantity	Part No	DG
½	½	0.225	10	91290	18
¾	¾	0.298	10	91295	18
1	1	0.505	5	91300	18
1¼	1¼	0.852	1	91305	18
1½	1½	1.003	1	91310	18
2	2	1.256	1	91315	18



Viega MegaPress slip coupling

No stop

Smart Connect Technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6815.5XL

P1	P2	Wt [lb]	Quantity	Part No	DG
2½	2½	1.741	1	98360	18
3	3	2.457	1	98365	18
4	4	3.705	1	98370	18

Reducers



Viega MegaPress reducer

Smart Connect Technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Street, press connection

Components

FKM sealing element, grip ring, separator ring

Model 6815.1

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
¾	½	0.245	5	91130	18
1	½	0.346	5	91135	18
1	¾	0.371	5	91140	18
1¼	¾	0.601	1	91320	18
1¼	1	0.685	1	91145	18
1½	¾	0.657	1	91155	18
1½	1	0.730	1	91160	18
1½	1¼	0.928	1	91150	18
2	1	0.939	1	91165	18
2	1¼	1.031	1	91325	18
2	1½	1.119	1	91170	18



Viega MegaPress reducer

Smart Connect Technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Street, press connection

Components

FKM sealing element, grip ring, separator ring

Note

Must be installed with MegaPress XL rings and PressBooster/Z3 actuator.

Model 6815.1XL

FTG (IPS)	P	Wt [lb]	Quantity	Part No	DG
2½	2	1.433	1	98330	18
3	2	1.891	1	98335	18
3	2½	2.048	1	98340	18
4	2	2.964	1	98345	18
4	2½	3.086	1	98350	18
4	3	3.381	1	98355	18



Viega MegaPress reducer

Smart Connect Technology

- For use with Sch. 5 to Sch. 40 stainless steel pipe
- 316 stainless steel
- Press connection

Components

FKM sealing elements, grip rings, separator rings

Model 6815.2

P1	P2	Wt [lb]	Quantity	Part No	DG
¾	½	0.322	5	91270	18
1	¾	0.485	5	91275	18
1¼	1	0.791	1	91280	18
1½	1¼	1.038	1	91920	18
2	1½	1.300	1	91285	18

