

Danfoss

Comparison charts:

Danfoss Hansen™, HK Series and
FD45 Series



Current FD45 P/N	Closest Equiv. HK Series P/N	Coupling Type	Material	Body Size	Port Class	Threads Spec	Size	Valved	Seal Type	FD45 Specific Data					HK Specific Data				
										OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size	OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size
FD45-1002-02-02	1K11	Male	Steel	0.125	1	NPTF	1/8-27	Poppet	Buna-N	32.5 1.28	0,0 0,00	14.2 0.56	4500	9/16	32.004 1.26	16.51 0.65	14.224 0.56	4500	9/16
FD45-1002-02-02AA	1K11	Male	Steel	0.125	1	NPTF	1/8-27	Poppet	Buna-N	32.5 1.28	0,0 0,00	14.2 0.56	4500	9/16	32.004 1.26	16.51 0.65	14.224 0.56	4500	9/16
FD45-1002-04-04	2K16	Male	Steel	0.250	2	NPTF	1/4-18	Poppet	Buna-N	38.9 1.53	0,0 0,00	19.00 0.75	5000	3/4	38.608 1.52	22.098 0.87	19.05 0.75	5000	3/4
FD45-1002-06-06	3K21	Male	Steel	0.375	4	NPTF	3/8-18	Poppet	Buna-N	42.9 1.69	0,0 0,00	22.4 0.88	4000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	4000	7/8
FD45-1002-06-06AA	3K21	Male	Steel	0.375	4	NPTF	3/8-18	Poppet	Buna-N	42.9 1.69	0,0 0,00	22.4 0.88	4000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	4000	7/8
FD45-1002-08-10	4KP26	Male	Steel	0.500	7	NPTF	1/2-14	Poppet	Buna-N	49.8 1.96	0,0 0,00	26.9 1.06	4000	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	5000	1 1/8
FD45-1002-12-12	6KP31	Male	Steel	0.375	9	NPTF	3/4-14	Poppet	Buna-N	61.2 2.41	0,0 0,00	33.3 1.31	4000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	4000	1 5/16
FD45-1002-16-16	8KP36	Male	Steel	1.000	13	NPTF	1-11 1/2	Poppet	Buna-N	70.4 2.77	0,0 0,00	41.1 1.62	4000	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	4000	1 5/8
FD45-1003-02-02	1H11	Female	Steel	0.125	1	NPTF	1/8-27	Poppet	Buna-N	46.00 1.81	24.4 0.96	19.00 0.75	4500	3/4	48.514 1.91	24.892 0.98	14.224 0.56	4500	9/16
FD45-1003-04-04	2H16	Female	Steel	0.250	2	NPTF	1/4-18	Poppet	Buna-N	56.4 2.22	28.7 1.13	20.6 0.81	5000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	5000	3/4
FD45-1003-06-06	3H21	Female	Steel	0.375	4	NPTF	3/8-18	Poppet	Buna-N	62.2 2.45	35.1 1.38	26.9 1.06	4000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	4000	7/8
FD45-1003-08-10	4HP26	Female	Steel	0.500	7	NPTF	1/2-14	Poppet	Buna-N	72.6 2.86	42.9 1.69	33.3 1.31	4000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	5000	1 1/8
FD45-1003-12-12	6HP31	Female	Steel	0.375	9	NPTF	3/4-14	Poppet	Buna-N	86.4 3.4	52.3 2.06	41.1 1.62	4000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	4000	1 5/16
FD45-1003-16-16	8HP36	Female	Steel	1.000	13	NPTF	1-11 1/2	Poppet	Buna-N	102.1 4.02	62.0 2.44	50.8 2.00	4000	2	104.902 4.13	66.294 2.61	44.45 1.75	4000	1 11/16
FD45-1004-04-04	LL2K16	Male	304 SS	0.250	2	NPTF	1/4-18	Poppet	Buna-N	37.8 1.49	0,0 0,00	17.5 0.69	3000	11/16	38.608 1.52	22.098 0.87	19.05 0.75	3700	3/4
FD45-1004-06-06	LL3K21	Male	304 SS	0.375	4	NPTF	3/8-18	Poppet	Buna-N	42.9 1.69	0,0 0,00	22.4 0.88	1500	7/8	44.704 1.76	25.654 1.01	22.352 0.88	3700	7/8
FD45-1004-08-10	LL4KP26	Male	304 SS	0.500	7	NPTF	1/2-14	Poppet	Buna-N	48.8 1.92	0,0 0,00	26.9 1.06	1500	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	4250	1 1/8
FD45-1004-12-12	LL6KP31	Male	304 SS	0.375	9	NPTF	3/4-14	Poppet	Buna-N	58.2 2.29	0,0 0,00	33.3 1.31	1500	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	3500	1 5/16
FD45-1004-16-16	LL8KP36	Male	304 SS	1.000	13	NPTF	1-11 1/2	Poppet	Buna-N	70.4 2.77	0,0 0,00	41.1 1.62	1250	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	3000	1 5/8
FD45-1005-04-04	LL2H16	Female	304 SS	0.250	2	NPTF	1/4-18	Poppet	Buna-N	56.4 2.22	28.7 1.13	20.6 0.81	3000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	3700	3/4
FD45-1005-06-06	LL3H21	Female	304 SS	0.375	4	NPTF	3/8-18	Poppet	Buna-N	62.2 2.45	35.1 1.38	26.9 1.06	1500	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	3700	7/8
FD45-1005-08-10	LL4HP26	Female	304 SS	0.500	7	NPTF	1/2-14	Poppet	Buna-N	72.6 2.86	42.9 1.69	33.3 1.31	1500	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	4250	1 1/8
FD45-1005-12-12	LL6HP31	Female	304 SS	0.375	9	NPTF	3/4-14	Poppet	Buna-N	86.4 3.4	51.1 2.01	41.1 1.62	1500	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	3500	1 5/16
FD45-1005-16-16	LL8HP36	Female	304 SS	1.000	13	NPTF	1-11 1/2	Poppet	Buna-N	102.1 4.02	60.5 2.38	50.8 2.00	1250	2	104.902 4.13	66.294 2.61	44.45 1.75	3000	1 11/16
FD45-1045-04-04	2H16VAA	Female	Steel	0.250	2	NPTF	1/4-18	VAA	Buna-N	56.4 2.22	28.7 1.13	20.6 0.81	5000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	5000	3/4
FD45-1045-06-06	3H21VAA	Female	Steel	0.375	4	NPTF	3/8-18	VAA	Buna-N	62.2 2.45	35.1 1.38	26.9 1.06	4000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	4000	7/8
FD45-1045-08-10	4HP26VAA	Female	Steel	0.500	7	NPTF	1/2-14	VAA	Buna-N	72.6 2.86	42.9 1.69	33.3 1.31	4000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	5000	1 1/8
FD45-1045-12-12	6HP31VAA	Female	Steel	0.375	9	NPTF	3/4-14	VAA	Buna-N	86.4 3.4	52.3 2.06	41.1 1.62	4000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	4000	1 5/16
FD45-1045-16-16	8HP36VAA	Female	Steel	1.000	13	NPTF	1-11 1/2	VAA	Buna-N	102.1 4.02	62.0 2.44	50.8 2.00	4000	2	104.902 4.13	66.294 2.61	44.45 1.75	4000	1 11/16
FD45-1046-04-04	2K16VAA	Male	Steel	0.250	2	NPTF	1/4-18	VAA	Buna-N	38.1 1.5	0,0 0,00	19.00 0.75	5000	3/4	38.608 1.52	22.098 0.87	19.05 0.75	5000	3/4
FD45-1046-06-06	3K21VAA	Male	Steel	0.375	4	NPTF	3/8-18	VAA	Buna-N	42.2 1.66	0,0 0,00	22.4 0.88	4000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	4000	7/8
FD45-1046-08-10	4KP26VAA	Male	Steel	0.500	7	NPTF	1/2-14	VAA	Buna-N	49.00 1.93	0,0 0,00	26.9 1.06	4000	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	5000	1 1/8
FD45-1046-08-10	4KP26VAA	Male	Steel	0.500	7	NPTF	1/2-14	VAA	Buna-N	49.00 1.93	0,0 0,00	26.9 1.06	4000	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	5000	1 1/8
FD45-1046-12-12	6KP31VAA	Male	Steel	0.375	9	NPTF	3/4-14	VAA	Buna-N	57.4 2.26	0,0 0,00	33.3 1.31	4000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	4000	1 5/16
FD45-1046-12-12	6KP31VAA	Male	Steel	0.375	9	NPTF	3/4-14	VAA	Buna-N	57.4 2.26	0,0 0,00	33.3 1.31	4000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	4000	1 5/16
FD45-1046-16-16	8KP36VAA	Male	Steel	1.000	13	NPTF	1-11 1/2	VAA	Buna-N	69.1 2.72	0,0 0,00	41.1 1.62	4000	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	4000	1 5/8
FD45-1046-16-16	8KP36VAA	Male	Steel	1.000	13	NPTF	1-11 1/2	VAA	Buna-N	69.1 2.72	0,0 0,00	41.1 1.62	4000	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	4000	1 5/8
FD45-1047-04-04	2H16NV	Female	Steel	0.250	2	NPTF	1/4-18	NV	Buna-N	56.4 2.22	28.7 1.13	20.6 0.81	5000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	5000	3/4
FD45-1047-06-06	3H21NV	Female	Steel	0.375	4	NPTF	3/8-18	NV	Buna-N	62.2 2.45	35.1 1.38	26.9 1.06	4000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	4000	7/8
FD45-1047-08-10	4HP26NV	Female	Steel	0.500	7	NPTF	1/2-14	NV	Buna-N	72.6 2.86	42.9 1.69	33.3 1.31	4000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	5000	1 1/8
FD45-1047-12-12	6HP31NV	Female	Steel	0.375	9	NPTF	3/4-14	NV	Buna-N	86.4 3.4	52.3 2.06	41.1 1.62	4000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	4000	1 5/16
FD45-1047-16-16	8HP36NV	Female	Steel	1.000	13	NPTF	1-11 1/2	NV	Buna-N	102.1 4.02	62.0 2.44	50.8 2.00	4000	2	104.902 4.13	66.294 2.61	44.45 1.75	4000	1 11/16

Current FD45 P/N	Closest Equiv. HK Series P/N	Coupling Type	Material	Body Size	Port Class	Threads Spec	Size	Valved	Seal Type	FD45 Specific Data					HK Specific Data				
										OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size	OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size
FD45-1053-04-04	LL2H16NV	Female	304 SS	0.250	2	NPTF	1/4-18	NV	Buna-N	56.4 2.22	28.7 1.13	20.6 0.81	3000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	3700	3/4
FD45-1053-06-06	LL3H21NV	Female	304 SS	0.375	4	NPTF	3/8-18	NV	Buna-N	62.2 2.45	35.1 1.38	26.9 1.06	1500	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	3700	7/8
FD45-1053-08-10	LL4HP26NV	Female	304 SS	0.500	7	NPTF	1/2-14	NV	Buna-N	72.6 2.86	42.9 1.69	33.3 1.31	1500	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	4250	1
FD45-1053-12-12	LL6HP31NV	Female	304 SS	0.375	9	NPTF	3/4-14	NV	Buna-N	89.4 3.52	51.1 2.01	41.1 1.62	1500	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	3500	1
FD45-1053-16-16	LL8HP36NV	Female	304 SS	1.000	13	NPTF	1-11 1/2	NV	Buna-N	102.1 4.02	60.5 2.38	50.8 2	1250	2	104.902 4.13	66.294 2.61	44.45 1.75	3000	1 11/16
FD45-1056-04-04	LL2H16VAA	Female	304 SS	0.250	2	NPTF	1/4-18	VAA	Buna-N	56.4 2.22	28.7 1.13	20.6 0.81	3000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	3700	3/4
FD45-1056-06-06	LL3H21VAA	Female	304 SS	0.375	4	NPTF	3/8-18	VAA	Buna-N	62.2 2.45	35.1 1.38	26.9 1.06	1500	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	3700	7/8
FD45-1056-08-10	LL4HP26VAA	Female	304 SS	0.500	7	NPTF	1/2-14	VAA	Buna-N	72.6 2.86	42.9 1.69	33.3 1.31	1500	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	4250	1
FD45-1056-12-12	LL6HP31VAA	Female	304 SS	0.375	9	NPTF	3/4-14	VAA	Buna-N	89.4 3.52	51.1 2.01	41.1 1.62	1500	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	3500	1
FD45-1056-16-16	LL8HP36VAA	Female	304 SS	1.000	13	NPTF	1-11 1/2	VAA	Buna-N	102.1 4.02	60.5 2.38	50.8 2	1250	2	104.902 4.13	66.294 2.61	44.45 1.75	3000	1 11/16
FD45-1059-04-04	LL2K16VAA	Male	304 SS	0.250	2	NPTF	1/4-18	VAA	Buna-N	33.8 1.33	0	17.5 0.69	3000	11/16	38.608 1.52	22.098 0.87	19.05 0.75	3700	3/4
FD45-1059-06-06	LL3K21VAA	Male	304 SS	0.375	4	NPTF	3/8-18	VAA	Buna-N	38.1 1.5	0	22.4 0.88	1500	7/8	44.704 1.76	25.654 1.01	22.352 0.88	3700	7/8
FD45-1059-08-10	LL4KP26VAA	Male	304 SS	0.500	7	NPTF	1/2-14	VAA	Buna-N	43.7 1.72	0	26.9 1.06	1500	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	4250	1
FD45-1059-12-12	LL6KP31VAA	Male	304 SS	0.375	9	NPTF	3/4-14	VAA	Buna-N	50.8 2	0	33.3 1.31	1500	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	3500	1
FD45-1059-16-16	LL8KP36VAA	Male	304 SS	1.000	13	NPTF	1-11 1/2	VAA	Buna-N	61.7 2.43	0	41.1 1.62	1250	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	3000	1
FD45-1061-04-04	2K16NV	Male	Steel	0.250	2	NPTF	1/4-18	NV	Buna-N	34.8 1.37	0	19 0.75	5000	3/4	38.608 1.52	22.098 0.87	19.05 0.75	5000	3/4
FD45-1061-06-06	3K21NV	Male	Steel	0.375	4	NPTF	3/8-18	NV	Buna-N	38.1 1.5	0	22.4 0.88	4000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	4000	7/8
FD45-1061-08-10	4KP26NV	Male	Steel	0.500	7	NPTF	1/2-14	NV	Buna-N	44.7 1.76	0	26.9 1.06	4000	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	5000	1
FD45-1061-12-12	6KP31NV	Male	Steel	0.375	9	NPTF	3/4-14	NV	Buna-N	50.8 2	0	33.3 1.31	4000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	4000	1
FD45-1061-16-16	8KP36NV	Male	Steel	1.000	13	NPTF	1-11 1/2	NV	Buna-N	61.7 2.43	0	41.1 1.62	4000	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	4000	1
FD45-1062-04-04	LL2K16NV	Male	304 SS	0.250	2	NPTF	1/4-18	NV	Buna-N	33.8 1.33	0	17.5 0.69	3000	11/16	38.608 1.52	22.098 0.87	19.05 0.75	3700	3/4
FD45-1062-06-06	LL3K21NV	Male	304 SS	0.375	4	NPTF	3/8-18	NV	Buna-N	38.1 1.5	0	22.4 0.88	1500	7/8	44.704 1.76	25.654 1.01	22.352 0.88	3700	7/8
FD45-1062-08-10	LL4KP26NV	Male	304 SS	0.500	7	NPTF	1/2-14	NV	Buna-N	43.7 1.72	0	26.9 1.06	1500	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	4250	1 1/8
FD45-1062-12-12	LL6KP31NV	Male	304 SS	0.375	9	NPTF	3/4-14	NV	Buna-N	50.8 2	0	33.3 1.31	1500	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	3500	1 5/16
FD45-1062-16-16	LL8KP36NV	Male	304 SS	1.000	13	NPTF	1-11 1/2	NV	Buna-N	61.7 2.43	0	41.1 1.62	1250	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	3000	1 5/8
FD45-1064-02-02	1K11192	Male	Steel	0.125	1	NPTF	1/8-27	Poppet	EPR	32.5 1.28	0	14.2 0.56	4500	9/16	32.004 1.26	16.51 0.65	14.224 0.56	4500	9/16
FD45-1064-04-04	2K16192	Male	Steel	0.250	2	NPTF	1/4-18	Poppet	EPR	38.9 1.53	0	19 0.75	5000	3/4	38.608 1.52	22.098 0.87	19.05 0.75	5000	3/4
FD45-1064-06-06	3K21192	Male	Steel	0.375	4	NPTF	3/8-18	Poppet	EPR	42.9 1.69	0	22.4 0.88	4000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	4000	7/8
FD45-1064-08-10	4KP26192	Male	Steel	0.500	7	NPTF	1/2-14	Poppet	EPR	49.8 1.96	0	26.9 1.06	4000	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	5000	1 1/8
FD45-1064-12-12	6KP31192	Male	Steel	0.375	9	NPTF	3/4-14	Poppet	EPR	61.2 2.41	0	33.3 1.31	4000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	4000	1 5/16
FD45-1064-16-16	8KP36192	Male	Steel	1.000	13	NPTF	1-11 1/2	Poppet	EPR	70.4 2.77	0	41.1 1.62	4000	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	4000	1 5/8
FD45-1065-02-02	1H11192	Female	Steel	0.125	1	NPTF	1/8-27	Poppet	EPR	46.0 1.81	24.4 0.96	19 0.75	4500	3/4	48.514 1.91	24.892 0.98	14.224 0.56	4500	9/16
FD45-1065-04-04	2H16192	Female	Steel	0.250	2	NPTF	1/4-18	Poppet	EPR	56.4 2.22	28.7 1.13	20.6 0.81	5000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	5000	3/4
FD45-1065-06-06	3H21192	Female	Steel	0.375	4	NPTF	3/8-18	Poppet	EPR	62.2 2.45	35.1 1.38	26.9 1.06	4000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	4000	7/8
FD45-1065-08-10	4HP26192	Female	Steel	0.500	7	NPTF	1/2-14	Poppet	EPR	72.6 2.86	42.9 1.69	33.3 1.31	4000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	5000	1 1/8
FD45-1065-12-12	6HP31192	Female	Steel	0.375	9	NPTF	3/4-14	Poppet	EPR	86.4 3.4	52.3 2.06	41.1 1.62	4000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	4000	1 5/16
FD45-1065-16-16	8HP36192	Female	Steel	1.000	13	NPTF	1-11 1/2	Poppet	EPR	102.1 4.02	62 2.44	50.8 2	4000	2	104.902 4.13	66.294 2.61	44.45 1.75	4000	1 11/16
FD45-1070-02-02	1H11143	Female	Steel	0.125	1	NPTF	1/8-27	Poppet	Flouro-carbon	46.0 1.81	24.4 0.96	19 0.75	4500	3/4	48.514 1.91	24.892 0.98	14.224 0.56	4500	9/16
FD45-1070-04-04	2H16143	Female	Steel	0.250	2	NPTF	1/4-18	Poppet	Flouro-carbon	56.4 2.22	28.7 1.13	20.6 0.81	5000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	5000	3/4
FD45-1070-06-06	3H21143	Female	Steel	0.375	4	NPTF	3/8-18	Poppet	Flouro-carbon	62.2 2.45	35.1 1.38	26.9 1.06	4000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	4000	7/8
FD45-1070-08-10	4HP26143	Female	Steel	0.500	7	NPTF	1/2-14	Poppet	Flouro-carbon	72.6 2.86	42.9 1.69	33.3 1.31	4000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	5000	1 1/8
FD45-1070-12-12	6HP31143	Female	Steel	0.375	9	NPTF	3/4-14	Poppet	Flouro-carbon	86.4 3.4	52.3 2.06	41.1 1.62	4000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	4000	1 5/16

Current FD45 P/N	Closest Equiv. HK Series P/N	Coupling Type	Material	Body Size	Port Class	Threads Spec	Size	Valved	Seal Type	FD45 Specific Data					HK Specific Data				
										OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size	OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size
FD45-1070-16-16	8HP36143	Female	Steel	1.000	13	NPTF	1-11 1/2	Poppet	Flouro-carbon	102.1 4.02	62 2.44	50.8 2	4000	2	104.902 4.13	66.294 2.61	44.45 1.75	4000	1 11/16
FD45-1071-02-02	1K11143	Male	Steel	0.125	1	NPTF	1/8-27	Poppet	Flouro-carbon	32.5 1.28	0 0	14.2 0.56	4500	9/16	32.004 1.26	16.51 0.65	14.224 0.56	4500	9/16
FD45-1071-04-04	2K16143	Male	Steel	0.250	2	NPTF	1/4-18	Poppet	Flouro-carbon	38.9 1.53	0 0	19 0.75	5000	3/4	38.608 1.52	22.098 0.87	19.05 0.75	5000	3/4
FD45-1071-06-06	3K21143	Male	Steel	0.375	4	NPTF	3/8-18	Poppet	Flouro-carbon	42.9 1.69	0 0	22.4 0.88	4000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	4000	7/8
FD45-1071-08-10	4KP26143	Male	Steel	0.500	7	NPTF	1/2-14	Poppet	Flouro-carbon	49.8 1.96	0 0	26.9 1.06	4000	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	5000	1 1/8
FD45-1071-12-12	6KP31143	Male	Steel	0.375	9	NPTF	3/4-14	Poppet	Flouro-carbon	61.2 2.41	0 0	33.3 1.31	4000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	4000	1 5/16
FD45-1071-16-16	8KP36143	Male	Steel	1.000	13	NPTF	1-11 1/2	Poppet	Flouro-carbon	70.4 2.77	0 0	41.1 1.62	4000	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	4000	1 5/8
FD45-1076-04-04	LL2H16143	Female	304 SS	0.250	2	NPTF	1/4-18	Poppet	Flouro-carbon	56.4 2.22	28.7 1.13	20.6 0.81	3000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	3700	3/4
FD45-1076-06-06	LL3H21143	Female	304 SS	0.375	4	NPTF	3/8-18	Poppet	Flouro-carbon	62.2 2.45	35.1 1.38	26.9 1.06	1500	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	3700	7/8
FD45-1076-08-10	LL4HP26143	Female	304 SS	0.500	7	NPTF	1/2-14	Poppet	Flouro-carbon	72.6 2.86	42.9 1.69	33.3 1.31	1500	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	4250	1 1/8
FD45-1076-12-12	LL6HP31143	Female	304 SS	0.375	9	NPTF	3/4-14	Poppet	Flouro-carbon	86.4 3.4	51.1 2.01	41.1 1.62	1500	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	3500	1 5/16
FD45-1076-16-16	LL8HP36143	Female	304 SS	1.000	13	NPTF	1-11 1/2	Poppet	Flouro-carbon	102.1 4.02	60.5 2.38	50.8 2	1250	2	104.902 4.13	66.294 2.61	44.45 1.75	3000	1 11/16
FD45-1078-04-04	LL2K16143	Male	304 SS	0.250	2	NPTF	1/4-18	Poppet	Flouro-carbon	37.8 1.49	0 0	17.5 0.69	3000	11/16	38.608 1.52	22.098 0.87	19.05 0.75	3700	3/4
FD45-1078-06-06	LL3K21143	Male	304 SS	0.375	4	NPTF	3/8-18	Poppet	Flouro-carbon	42.9 1.69	0 0	22.4 0.88	1500	7/8	44.704 1.76	25.654 1.01	22.352 0.88	3700	7/8
FD45-1078-08-10	LL4KP26143	Male	304 SS	0.500	7	NPTF	1/2-14	Poppet	Flouro-carbon	48.8 1.92	0 0	26.9 1.06	1500	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	4250	1 1/8
FD45-1078-12-12	LL6KP31143	Male	304 SS	0.375	9	NPTF	3/4-14	Poppet	Flouro-carbon	58.2 2.29	0 0	33.3 1.31	1500	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	3500	1 5/16
FD45-1078-16-16	LL8KP36143	Male	304 SS	1.000	13	NPTF	1-11 1/2	Poppet	Flouro-carbon	70.4 2.77	0 0	41.1 1.62	1250	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	3000	1 5/8
FD45-1086-02-02	B1K11	Male	Brass	0.125	1	NPTF	1/8-27	Poppet	Buna-N	32.5 1.28	0 0	14.2 0.56	1000	9/16	32.004 1.26	16.51 0.65	14.224 0.56	3000	9/16
FD45-1086-04-04	B2K16	Male	Brass	0.250	2	NPTF	1/4-18	Poppet	Buna-N	38.9 1.53	0 0	17.5 0.69	1000	11/16	38.608 1.52	22.098 0.87	19.05 0.75	2700	3/4
FD45-1086-06-06	B3K21	Male	Brass	0.375	4	NPTF	3/8-18	Poppet	Buna-N	42.9 1.69	0 0	22.4 0.88	1000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	2200	7/8
FD45-1086-08-10	B4KP26	Male	Brass	0.500	7	NPTF	1/2-14	Poppet	Buna-N	49.8 1.96	0 0	26.9 1.06	1000	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	2250	1 1/8
FD45-1086-12-12	B6KP31	Male	Brass	0.375	9	NPTF	3/4-14	Poppet	Buna-N	61.2 2.41	0 0	33.3 1.31	1000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	2000	1 5/16
FD45-1086-16-16	B8KP36	Male	Brass	1.000	13	NPTF	1-11 1/2	Poppet	Buna-N	70.4 2.77	0 0	41.1 1.62	1000	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	1500	1 5/8
FD45-1086-20-20	B10K41	Male	Brass	1.250	16	NPTF	1 1/4-11 1/2	Poppet	Buna-N	108 4.25	0 0	60.5 2.38	1000	2 3/8	107.95 4.25	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1091-02-02	B1H11143	Female	Brass	0.125	1	NPTF	1/8-27	Poppet	Flouro-carbon	46 1.81	23.9 0.94	19 0.75	1000	3/4	48.514 1.91	24.892 0.98	14.224 0.56	3000	9/16
FD45-1091-04-04	B2H16143	Female	Brass	0.250	2	NPTF	1/4-18	Poppet	Flouro-carbon	56.4 2.22	28.7 1.13	20.6 0.81	1000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	2700	3/4
FD45-1091-06-06	B3H21143	Female	Brass	0.375	4	NPTF	3/8-18	Poppet	Flouro-carbon	62.2 2.45	35.1 1.38	26.9 1.06	1000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	2200	7/8
FD45-1091-08-10	B4HP26143	Female	Brass	0.500	7	NPTF	1/2-14	Poppet	Flouro-carbon	72.6 2.86	42.9 1.69	33.3 1.31	1000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	2250	1 1/8
FD45-1091-12-12	B6HP31143	Female	Brass	0.375	9	NPTF	3/4-14	Poppet	Flouro-carbon	86.4 3.4	51.1 2.01	41.1 1.62	1000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	2000	1 5/16
FD45-1091-16-16	B8HP36143	Female	Brass	1.000	13	NPTF	1-11 1/2	Poppet	Flouro-carbon	102.1 4.02	60.5 2.38	50.8 2	1000	2	104.902 4.13	66.294 2.61	44.45 1.75	1500	1 11/16
FD45-1091-20-20	B10H41143	Female	Brass	1.250	16	NPTF	1 1/4-11 1/2	Poppet	Flouro-carbon	114 4.49	66.5 2.62	60.5 2.38	1000	2 3/8	114.554 4.51	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1092-02-02	B1K11143	Male	Brass	0.125	1	NPTF	1/8-27	Poppet	Flouro-carbon	32.5 1.28	0 0	14.2 0.56	1000	9/16	32.004 1.26	16.51 0.65	14.224 0.56	3000	9/16
FD45-1092-04-04	B2K16143	Male	Brass	0.250	2	NPTF	1/4-18	Poppet	Flouro-carbon	38.9 1.53	0 0	17.5 0.69	1000	11/16	38.608 1.52	22.098 0.87	19.05 0.75	2700	3/4
FD45-1092-06-06	B3K21143	Male	Brass	0.375	4	NPTF	3/8-18	Poppet	Flouro-carbon	42.9 1.69	0 0	22.4 0.88	1000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	2200	7/8
FD45-1092-08-10	B4KP26143	Male	Brass	0.500	7	NPTF	1/2-14	Poppet	Flouro-carbon	49.8 1.96	0 0	26.9 1.06	1000	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	2250	1 1/8
FD45-1092-12-12	B6KP31143	Male	Brass	0.375	9	NPTF	3/4-14	Poppet	Flouro-carbon	61.2 2.41	0 0	33.3 1.31	1000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	2000	1 5/16
FD45-1092-16-16	B8KP36143	Male	Brass	1.000	13	NPTF	1-11 1/2	Poppet	Flouro-carbon	70.4 2.77	0 0	41.1 1.62	1000	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	1500	1 5/8
FD45-1092-20-20	B10K41143	Male	Brass	1.250	16	NPTF	1 1/4-11 1/2	Poppet	Flouro-carbon	108 4.25	0 0	60.5 2.38	1000	2 3/8	107.95 4.25	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1101-02-02	B1H11	Female	Brass	0.125	1	NPTF	1/8-27	Poppet	Buna-N	46 1.81	23.9 0.94	19 0.75	1000	3/4	48.514 1.91	24.892 0.98	14.224 0.56	3000	9/16
FD45-1101-04-04	B2H16	Female	Brass	0.250	2	NPTF	1/4-18	Poppet	Buna-N	56.4 2.22	28.7 1.13	20.6 0.81	1000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	2700	3/4
FD45-1101-06-06	B3H21	Female	Brass	0.375	4	NPTF	3/8-18	Poppet	Buna-N	62.2 2.45	35.1 1.38	26.9 1.06	1000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	2200	7/8
FD45-1101-08-10	B4HP26	Female	Brass	0.500	7	NPTF	1/2-14	Poppet	Buna-N	72.6 2.86	42.9 1.69	33.3 1.31	1000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	2250	1 1/8

Current FD45 P/N	Closest Equiv. HK Series P/N	Coupling Type	Material	Body Size	Port Class	Threads Spec	Size	Valved	Seal Type	FD45 Specific Data					HK Specific Data				
										OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size	OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size
FD45-1101-12-12	B6HP31	Female	Brass	0.375	9	NPTF	3/4-14	Poppet	Buna-N	86.4 3.4	51.1 2.01	41.1 1.62	1000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	2000	1 5/16
FD45-1101-16-16	B8HP36	Female	Brass	1.000	13	NPTF	1-11 1/2	Poppet	Buna-N	102.1 4.02	60.5 2.38	50.8 2	1000	2	104.902 4.13	66.294 2.61	44.45 1.75	1500	1 11/16
FD45-1101-20-20	B10H41	Female	Brass	1.250	16	NPTF	1 1/4-11 1/2	Poppet	Buna-N	114 4.49	66.5 2.62	60.5 2.38	1000	2 3/8	114.554 4.51	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1121-04-04	LL2K16192	Male	304 SS	0.250	2	NPTF	1/4-18	Poppet	EPR	37.8 1.49	0	17.5 0.69	3000	11/16	38.608 1.52	22.098 0.87	19.05 0.75	3700	3/4
FD45-1121-06-06	LL3K21192	Male	304 SS	0.375	4	NPTF	3/8-18	Poppet	EPR	42.9 1.69	0	22.4 0.88	1500	7/8	44.704 1.76	25.654 1.01	22.352 0.88	3700	7/8
FD45-1121-08-10	LL4K26192	Male	304 SS	0.500	7	NPTF	1/2-14	Poppet	EPR	48.8 1.92	0	26.9 1.06	1500	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	4250	1 1/8
FD45-1121-12-12	LL6K31192	Male	304 SS	0.375	9	NPTF	3/4-14	Poppet	EPR	58.2 2.29	0	33.3 1.31	1500	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	3500	1 5/16
FD45-1121-16-16	LL8K36192	Male	304 SS	1.000	13	NPTF	1-11 1/2	Poppet	EPR	70.4 2.77	0	41.1 1.62	1250	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	3000	1 5/8
FD45-1122-04-04	LL2H16192	Female	304 SS	0.250	2	NPTF	1/4-18	Poppet	EPR	56.4 2.22	28.7 1.13	20.6 0.81	3000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	3700	3/4
FD45-1122-06-06	LL3H21192	Female	304 SS	0.375	4	NPTF	3/8-18	Poppet	EPR	62.2 2.45	35.1 1.38	26.9 1.06	1500	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	3700	7/8
FD45-1122-08-10	LL4HP26192	Female	304 SS	0.500	7	NPTF	1/2-14	Poppet	EPR	72.6 2.86	42.9 1.69	33.3 1.31	1500	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	4250	1 1/8
FD45-1122-12-12	LL6HP31192	Female	304 SS	0.375	9	NPTF	3/4-14	Poppet	EPR	86.4 3.4	51.1 2.01	41.1 1.62	1500	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	3500	1 5/16
FD45-1122-16-16	LL8HP36192	Female	304 SS	1.000	13	NPTF	1-11 1/2	Poppet	EPR	102.1 4.02	60.5 2.38	50.8 2	1250	2	104.902 4.13	66.294 2.61	44.45 1.75	3000	1 11/16
FD45-1142-04-04	LL2H16NV192	Female	304 SS	0.250	2	NPTF	1/4-18	NV	EPR	56.4 2.22	28.7 1.13	20.6 0.81	3000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	3700	3/4
FD45-1142-06-06	LL3H21NV192	Female	304 SS	0.375	4	NPTF	3/8-18	NV	EPR	62.2 2.45	35.1 1.38	26.9 1.06	1500	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	3700	7/8
FD45-1142-08-10	LL4HP26NV192	Female	304 SS	0.500	7	NPTF	1/2-14	NV	EPR	72.6 2.86	42.9 1.69	33.3 1.31	1500	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	4250	1 1/8
FD45-1142-12-12	LL6HP31NV192	Female	304 SS	0.375	9	NPTF	3/4-14	NV	EPR	89.4 3.52	51.1 2.01	41.1 1.62	1500	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	3500	1 5/16
FD45-1142-16-16	LL8HP36NV192	Female	304 SS	1.000	13	NPTF	1-11 1/2	NV	EPR	102.1 4.02	60.5 2.38	50.8 2	1250	2	104.902 4.13	66.294 2.61	44.45 1.75	3000	1 11/16
FD45-1153-02-02	B1K11192	Male	Brass	0.125	1	NPTF	1/8-27	Poppet	EPR	32.5 1.28	0	14.2 0.56	1000	9/16	32.004 1.26	16.51 0.65	14.224 0.56	3000	9/16
FD45-1153-04-04	B2K16192	Male	Brass	0.250	2	NPTF	1/4-18	Poppet	EPR	38.9 1.53	0	17.5 0.69	1000	11/16	38.608 1.52	22.098 0.87	19.05 0.75	2700	3/4
FD45-1153-06-06	B3K21192	Male	Brass	0.375	4	NPTF	3/8-18	Poppet	EPR	42.9 1.69	0	22.4 0.88	1000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	2200	7/8
FD45-1153-08-10	B4K26192	Male	Brass	0.500	7	NPTF	1/2-14	Poppet	EPR	49.8 1.96	0	26.9 1.06	1000	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	2250	1 1/8
FD45-1153-12-12	B6K31192	Male	Brass	0.375	9	NPTF	3/4-14	Poppet	EPR	61.2 2.41	0	33.3 1.31	1000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	2000	1 5/16
FD45-1153-16-16	B8K36192	Male	Brass	1.000	13	NPTF	1-11 1/2	Poppet	EPR	70.4 2.77	0	41.1 1.62	1000	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	1500	1 5/8
FD45-1153-20-20	B10K41192	Male	Brass	1.250	16	NPTF	1 1/4-11 1/2	Poppet	EPR	108 4.25	0	60.5 2.38	1000	2 3/8	107.95 4.25	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1156-02-02	B1H11192	Female	Brass	0.125	1	NPTF	1/8-27	Poppet	EPR	46 1.81	23.9 0.94	19 0.75	1000	3/4	48.514 1.91	24.892 0.98	14.224 0.56	3000	9/16
FD45-1156-04-04	B2H16192	Female	Brass	0.250	2	NPTF	1/4-18	Poppet	EPR	56.4 2.22	28.7 1.13	20.6 0.81	1000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	2700	3/4
FD45-1156-06-06	B3H21192	Female	Brass	0.375	4	NPTF	3/8-18	Poppet	EPR	62.2 2.45	35.1 1.38	26.9 1.06	1000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	2200	7/8
FD45-1156-08-10	B4HP26192	Female	Brass	0.500	7	NPTF	1/2-14	Poppet	EPR	72.6 2.86	42.9 1.69	33.3 1.31	1000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	2250	1 1/8
FD45-1156-12-12	B6HP31192	Female	Brass	0.375	9	NPTF	3/4-14	Poppet	EPR	86.4 3.4	51.1 2.01	41.1 1.62	1000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	2000	1 5/16
FD45-1156-16-16	B8HP36192	Female	Brass	1.000	13	NPTF	1-11 1/2	Poppet	EPR	102.1 4.02	60.5 2.38	50.8 2	1000	2	104.902 4.13	66.294 2.61	44.45 1.75	1500	1 11/16
FD45-1156-20-20	B10H41192	Female	Brass	1.250	16	NPTF	1 1/4-11 1/2	Poppet	EPR	114 4.49	66.5 2.62	60.5 2.38	1000	2 3/8	114.554 4.51	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1168-08-06	3K8	Male	Steel	0.375	10	SAE	3/4-16	Poppet	Buna-N	50 1.97	0	25.4 1	4000	1	49.276 1.94	29.21 1.15	25.4 1	4000	1
FD45-1168-16-16	8KP16	Male	Steel	1.000	17	SAE	1 5/16-12	Poppet	Buna-N	69.1 2.72	0	41.1 1.62	4000	1 1/2	72.39 2.85	55.118 2.17	47.752 1.88	4000	1 7/8
FD45-1169-08-06	3H8	Female	Steel	0.375	10	SAE	3/4-16	Poppet	Buna-N	69.3 2.73	34.5 1.36	26.9 1.06	4000	1 1/16	69.596 2.74	36.068 1.42	25.4 1	4000	1
FD45-1169-16-16	8HP16	Female	Steel	1.000	17	SAE	1 5/16-12	Poppet	Buna-N	102.1 4.02	61.5 2.42	50.8 2	4000	2	104.902 4.13	66.294 2.61	47.752 1.88	4000	1 7/8
FD45-1172-04-04	2H16NV143	Female	Steel	0.250	2	NPTF	1/4-18	NV	Flouro-carbon	56.4 2.22	28.7 1.13	20.6 0.81	5000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	5000	3/4
FD45-1172-06-06	3H21NV143	Female	Steel	0.375	4	NPTF	3/8-18	NV	Flouro-carbon	62.2 2.45	35.1 1.38	26.9 1.06	4000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	4000	7/8
FD45-1172-08-10	4HP26NV143	Female	Steel	0.500	7	NPTF	1/2-14	NV	Flouro-carbon	72.6 2.86	42.9 1.69	33.3 1.31	4000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	5000	1 1/8
FD45-1172-12-12	6HP31NV143	Female	Steel	0.375	9	NPTF	3/4-14	NV	Flouro-carbon	86.4 3.4	52.3 2.06	41.1 1.62	4000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	4000	1 5/16
FD45-1172-16-16	8HP36NV143	Female	Steel	1.000	13	NPTF	1-11 1/2	NV	Flouro-carbon	102.1 4.02	62 2.44	50.8 2	4000	2	104.902 4.13	66.294 2.61	44.45 1.75	4000	1 11/16
FD45-1175-02-02	B1K11NV	Male	Brass	0.125	1	NPTF	1/8-27	NV	Buna-N	30.5 1.2	0	14.2 0.56	1000	9/16	32.004 1.26	16.51 0.65	14.224 0.56	3000	9/16

Current FD45 P/N	Closest Equiv. HK Series P/N	Coupling Type	Material	Body Size	Port Class	Threads Spec	Size	Valved	Seal Type	FD45 Specific Data					HK Specific Data				
										OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size	OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size
FD45-1175-04-04	B2K16NV	Male	Brass	0.250	2	NPTF	1/4-18	NV	Buna-N	34.8 1.37	0 0	17.5 0.69	1000	11/16	38.608 1.52	22.098 0.87	19.05 0.75	2700	3/4
FD45-1175-06-06	B3K21NV	Male	Brass	0.375	4	NPTF	3/8-18	NV	Buna-N	20.6 1.5	0 0	22.4 0.88	1000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	2200	7/8
FD45-1175-06-06	B3K21NV	Male	Brass	0.375	4	NPTF	3/8-18	NV	Buna-N	20.6 1.5	0 0	22.4 0.88	1000	7/8	44.704 1.76	25.654 1.01	22.352 0.88	2200	7/8
FD45-1175-08-10	B4KP26NV	Male	Brass	0.500	7	NPTF	1/2-14	NV	Buna-N	44.7 1.76	0 0	26.9 1.06	1000	1 1/16	51.562 2.03	33.02 1.3	28.702 1.13	2250	1 1/8
FD45-1175-12-12	B6KP31NV	Male	Brass	0.375	9	NPTF	3/4-14	NV	Buna-N	50.8 2	0 0	33.3 1.31	1000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	2000	1 5/16
FD45-1175-16-16	B8KP36NV	Male	Brass	1.000	13	NPTF	1-11 1/2	NV	Buna-N	61.7 2.43	0 0	41.1 1.62	1000	1 1/2	72.39 2.85	47.752 1.88	41.402 1.63	1500	1 5/8
FD45-1175-20-20	B10K41NV	Male	Brass	1.250	16	NPTF	1 1/4-11 1/2	NV	Buna-N	108 4.25	0 0	60.5 2.38	1000	2 3/8	107.95 4.25	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1176-02-02	B1H11NV	Female	Brass	0.125	1	NPTF	1/8-27	NV	Buna-N	46 1.81	24.4 0.96	19.1 0.75	1000	3/4	48.514 1.91	24.892 0.98	14.224 0.56	3000	9/16
FD45-1176-04-04	B2H16NV	Female	Brass	0.250	2	NPTF	1/4-18	NV	Buna-N	56.4 2.22	28.7 1.13	20.6 0.81	1000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	2700	3/4
FD45-1176-06-06	B3H21NV	Female	Brass	0.375	4	NPTF	3/8-18	NV	Buna-N	62.2 2.45	35.1 1.38	26.9 1.06	1000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	2200	7/8
FD45-1176-08-10	B4HP26NV	Female	Brass	0.500	7	NPTF	1/2-14	NV	Buna-N	72.6 2.86	42.9 1.69	33.3 1.31	1000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	2250	1 1/8
FD45-1176-12-12	B6HP31NV	Female	Brass	0.375	9	NPTF	3/4-14	NV	Buna-N	86.4 3.4	51.1 2.01	41.1 1.62	1000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	2000	1 5/16
FD45-1176-16-16	B8HP36NV	Female	Brass	1.000	13	NPTF	1-11 1/2	NV	Buna-N	102.1 4.02	60.5 2.38	50.8 2	1000	2	104.902 4.13	66.294 2.61	44.45 1.75	1500	1 11/16
FD45-1176-20-20	B10H41NV	Female	Brass	1.250	16	NPTF	1 1/4-11 1/2	NV	Buna-N	114 4.49	66.5 2.62	60.5 2.38	1000	2 3/8	114.554 4.51	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1178-02-02	B1H11NV192	Female	Brass	0.125	1	NPTF	1/8-27	NV	EPR	46 1.81	24.4 0.96	19.1 0.75	1000	3/4	48.514 1.91	24.892 0.98	14.224 0.56	3000	9/16
FD45-1178-04-04	B2H16NV192	Female	Brass	0.250	2	NPTF	1/4-18	NV	EPR	56.4 2.22	28.7 1.13	20.6 0.81	1000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	2700	3/4
FD45-1178-06-06	B3H21NV192	Female	Brass	0.375	4	NPTF	3/8-18	NV	EPR	62.2 2.45	35.1 1.38	26.9 1.06	1000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	2200	7/8
FD45-1178-08-10	B4HP26NV192	Female	Brass	0.500	7	NPTF	1/2-14	NV	EPR	72.6 2.86	42.9 1.69	33.3 1.31	1000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	2250	1 1/8
FD45-1178-12-12	B6HP31NV192	Female	Brass	0.375	9	NPTF	3/4-14	NV	EPR	86.4 3.4	51.1 2.01	41.1 1.62	1000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	2000	1 5/16
FD45-1178-16-16	B8HP36NV192	Female	Brass	1.000	13	NPTF	1-11 1/2	NV	EPR	102.1 4.02	60.5 2.38	50.8 2	1000	2	104.902 4.13	66.294 2.61	44.45 1.75	1500	1 11/16
FD45-1178-20-20	B10H41NV192	Female	Brass	1.250	16	NPTF	1 1/4-11 1/2	NV	EPR	114 4.49	66.5 2.62	60.5 2.38	1000	2 3/8	114.554 4.51	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1180-02-02	B1H11NV143	Female	Brass	0.125	1	NPTF	1/8-27	NV	Flouro-carbon	46 1.81	24.4 0.96	19.1 0.75	1000	3/4	48.514 1.91	24.892 0.98	14.224 0.56	3000	9/16
FD45-1180-04-04	B2H16NV143	Female	Brass	0.250	2	NPTF	1/4-18	NV	Flouro-carbon	56.4 2.22	28.7 1.13	20.6 0.81	1000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	2700	3/4
FD45-1180-06-06	B3H21NV143	Female	Brass	0.375	4	NPTF	3/8-18	NV	Flouro-carbon	62.2 2.45	35.1 1.38	26.9 1.06	1000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	2200	7/8
FD45-1180-08-10	B4HP26NV143	Female	Brass	0.500	7	NPTF	1/2-14	NV	Flouro-carbon	72.6 2.86	42.9 1.69	33.3 1.31	1000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	2250	1 1/8
FD45-1180-12-12	B6HP31NV143	Female	Brass	0.375	9	NPTF	3/4-14	NV	Flouro-carbon	86.4 3.4	51.1 2.01	41.1 1.62	1000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	2000	1 5/16
FD45-1180-16-16	B8HP36NV143	Female	Brass	1.000	13	NPTF	1-11 1/2	NV	Flouro-carbon	102.1 4.02	60.5 2.38	50.8 2	1000	2	104.902 4.13	66.294 2.61	44.45 1.75	1500	1 11/16
FD45-1180-20-20	B10H41NV143	Female	Brass	1.250	16	NPTF	1 1/4-11 1/2	NV	Flouro-carbon	114 4.49	66.5 2.62	60.5 2.38	1000	2 3/8	114.554 4.51	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1195-04-04	LL2H16NV143	Female	304 SS	0.250	2	NPTF	1/4-18	NV	Flouro-carbon	56.4 2.22	28.7 1.13	20.6 0.81	3000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	3700	3/4
FD45-1195-06-06	LL3H21NV143	Female	304 SS	0.375	4	NPTF	3/8-18	NV	Flouro-carbon	62.2 2.45	35.1 1.38	26.9 1.06	1500	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	3700	7/8
FD45-1195-08-10	LL4HP26NV143	Female	304 SS	0.500	7	NPTF	1/2-14	NV	Flouro-carbon	72.6 2.86	42.9 1.69	33.3 1.31	1500	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	4250	1 1/8
FD45-1195-12-12	LL6HP31NV143	Female	304 SS	0.375	9	NPTF	3/4-14	NV	Flouro-carbon	89.4 3.52	51.1 2.01	41.1 1.62	1500	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	3500	1 5/16
FD45-1195-16-16	LL8HP36NV143	Female	304 SS	1.000	13	NPTF	1-11 1/2	NV	Flouro-carbon	102.1 4.02	60.5 2.38	50.8 2	1250	2	104.902 4.13	66.294 2.61	44.45 1.75	3000	1 11/16
FD45-1197-04-04	LL2H16VAA143	Female	304 SS	0.250	2	NPTF	1/4-18	VAA	Flouro-carbon	56.4 2.22	28.7 1.13	20.6 0.81	3000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	3700	3/4
FD45-1197-06-06	LL3H21VAA143	Female	304 SS	0.375	4	NPTF	3/8-18	VAA	Flouro-carbon	62.2 2.45	35.1 1.38	26.9 1.06	1500	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	3700	7/8
FD45-1197-08-10	LL4HP26VAA143	Female	304 SS	0.500	7	NPTF	1/2-14	VAA	Flouro-carbon	72.6 2.86	42.9 1.69	33.3 1.31	1500	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	4250	1 1/8
FD45-1197-12-12	LL6HP31VAA143	Female	304 SS	0.375	9	NPTF	3/4-14	VAA	Flouro-carbon	89.4 3.52	51.1 2.01	41.1 1.62	1500	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	3500	1 5/16
FD45-1197-16-16	LL8HP36VAA143	Female	304 SS	1.000	13	NPTF	1-11 1/2	VAA	Flouro-carbon	102.1 4.02	60.5 2.38	50.8 2	1250	2	104.902 4.13	66.294 2.61	44.45 1.75	3000	1 11/16
FD45-1199-04-04	B2H16VAA143	Female	Brass	0.250	2	NPTF	1/4-18	VAA	Flouro-carbon	56.4 2.22	27.9 1.1	20.6 0.81	1000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	2700	3/4
FD45-1199-06-06	B3H21VAA143	Female	Brass	0.375	4	NPTF	3/8-18	VAA	Flouro-carbon	62.2 2.45	34.5 1.36	26.9 1.06	1000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	2200	7/8
FD45-1199-12-12	B6HP31VAA143	Female	Brass	0.375	9	NPTF	3/4-14	VAA	Flouro-carbon	86.4 3.4	50.5 1.99	41.1 1.62	1000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	2000	1 5/16
FD45-1201-04-04	B2K16VAA	Male	Brass	0.250	2	NPTF	1/4-18	VAA	Buna-N	38.1 1.5	0 0	17.5 0.69	1000	11/16	38.608 1.52	22.098 0.87	19.05 0.75	2700	3/4

Current FD45 P/N	Closest Equiv. HK Series P/N	Coupling Type	Material	Body Size	Port Class	Threads Spec Size		Valved	Seal Type	FD45 Specific Data					HK Specific Data				
										OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size	OAL mm (in)	DIA mm (in)	Hex mm (in)	Max Press	Wrench Size
FD45-1201-12-12	B6KP31VAA	Male	Brass	0.375	9	NPTF	3/4-14	VAA	Buna-N	57.9 2.28	0	33.3 1.31	1000	1 5/16	59.944 2.36	38.608 1.52	33.274 1.31	2000	1 5/16
FD45-1203-04-04	B2H16VAA	Female	Brass	0.250	2	NPTF	1/4-18	VAA	Buna-N	56.4 2.22	27.9 1.1	20.6 0.81	1000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	2700	3/4
FD45-1203-12-12	B6HP31VAA	Female	Brass	0.375	9	NPTF	3/4-14	VAA	Buna-N	86.4 3.4	50.5 1.99	41.1 1.62	1000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	2000	1 5/16
FD45-1207-04-04	2H16NV192	Female	Steel	0.250	2	NPTF	1/4-18	NV	EPR	56.4 2.22	28.7 1.13	20.6 0.81	5000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	5000	3/4
FD45-1207-06-06	3H21NV192	Female	Steel	0.375	4	NPTF	3/8-18	NV	EPR	62.2 2.45	35.1 1.38	26.9 1.06	4000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	4000	7/8
FD45-1207-08-10	4HP26NV192	Female	Steel	0.500	7	NPTF	1/2-14	NV	EPR	72.6 2.86	42.9 1.69	33.3 1.31	4000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	5000	1 1/8
FD45-1207-12-12	6HP31NV192	Female	Steel	0.375	9	NPTF	3/4-14	NV	EPR	86.4 3.4	52.3 2.06	41.1 1.62	4000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	4000	1 5/16
FD45-1207-16-16	8HP36NV192	Female	Steel	1.000	13	NPTF	1-11 1/2	NV	EPR	102.1 4.02	62 2.44	50.8 2	4000	2	104.902 4.13	66.294 2.61	44.45 1.75	4000	1 11/16
FD45-1209-04-04	LL2H16VAA192	Female	304 SS	0.250	2	NPTF	1/4-18	VAA	EPR	56.4 2.22	28.7 1.13	20.6 0.81	3000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	3700	3/4
FD45-1209-06-06	LL3H21VAA192	Female	304 SS	0.375	4	NPTF	3/8-18	VAA	EPR	62.2 2.45	35.1 1.38	26.9 1.06	1500	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	3700	7/8
FD45-1209-08-10	LL4HP26VAA192	Female	304 SS	0.500	7	NPTF	1/2-14	VAA	EPR	72.6 2.86	42.9 1.69	33.3 1.31	1500	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	4250	1 1/8
FD45-1209-12-12	LL6HP31VAA192	Female	304 SS	0.375	9	NPTF	3/4-14	VAA	EPR	89.4 3.52	51.1 2.01	41.1 1.62	1500	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	3500	1 5/16
FD45-1209-16-16	LL8HP36VAA192	Female	304 SS	1.000	13	NPTF	1-11 1/2	VAA	EPR	102.1 4.02	60.5 2.38	50.8 2	1250	2	104.902 4.13	66.294 2.61	44.45 1.75	3000	1 11/16
FD45-1211-04-04	B2H16VAA192	Female	Brass	0.250	2	NPTF	1/4-18	VAA	EPR	56.4 2.22	27.9 1.1	20.6 0.81	1000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	2700	3/4
FD45-1211-06-06	B3H21VAA192	Female	Brass	0.375	4	NPTF	3/8-18	VAA	EPR	62.2 2.45	34.5 1.36	26.9 1.06	1000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	2200	7/8
FD45-1211-12-12	B6HP31VAA192	Female	Brass	0.375	9	NPTF	3/4-14	VAA	EPR	86.4 3.4	50.5 1.99	41.1 1.62	1000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	2000	1 5/16
FD45-1228-04-04	2H16VAA143	Female	Steel	0.250	2	NPTF	1/4-18	VAA	Flouro-carbon	56.4 2.22	28.7 1.13	20.6 0.81	5000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	5000	3/4
FD45-1228-06-06	3H21VAA143	Female	Steel	0.375	4	NPTF	3/8-18	VAA	Flouro-carbon	62.2 2.45	35.1 1.38	26.9 1.06	4000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	4000	7/8
FD45-1228-08-10	4HP26VAA143	Female	Steel	0.500	7	NPTF	1/2-14	VAA	Flouro-carbon	72.6 2.86	42.9 1.69	33.3 1.31	4000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	5000	1 1/8
FD45-1228-12-12	6HP31VAA143	Female	Steel	0.375	9	NPTF	3/4-14	VAA	Flouro-carbon	86.4 3.4	52.3 2.06	41.1 1.62	4000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	4000	1 5/16
FD45-1228-16-16	8HP36VAA143	Female	Steel	1.000	13	NPTF	1-11 1/2	VAA	Flouro-carbon	102.1 4.02	62 2.44	50.8 2	4000	2	104.902 4.13	66.294 2.61	44.45 1.75	4000	1 11/16
FD45-1229-04-04	2H16VAA192	Female	Steel	0.250	2	NPTF	1/4-18	VAA	EPR	56.4 2.22	28.7 1.13	20.6 0.81	5000	13/16	57.404 2.26	28.956 1.14	19.05 0.75	5000	3/4
FD45-1229-06-06	3H21VAA192	Female	Steel	0.375	4	NPTF	3/8-18	VAA	EPR	62.2 2.45	35.1 1.38	26.9 1.06	4000	1 1/16	65.024 2.56	36.068 1.42	22.352 0.88	4000	7/8
FD45-1229-08-10	4HP26VAA192	Female	Steel	0.500	7	NPTF	1/2-14	VAA	EPR	72.6 2.86	42.9 1.69	33.3 1.31	4000	1 5/16	75.184 2.96	47.244 1.86	28.702 1.13	5000	1 1/8
FD45-1229-12-12	6HP31VAA192	Female	Steel	0.375	9	NPTF	3/4-14	VAA	EPR	86.4 3.4	52.3 2.06	41.1 1.62	4000	1 1/2	88.392 3.48	56.388 2.22	33.274 1.31	4000	1 5/16
FD45-1229-16-16	8HP36VAA192	Female	Steel	1.000	13	NPTF	1-11 1/2	VAA	EPR	102.1 4.02	62 2.44	50.8 2	4000	2	104.902 4.13	66.294 2.61	44.45 1.75	4000	1 11/16
FD45-1237-06-04	2H6192	Female	Steel	0.250	8	SAE	9/16-18	Poppet	EPR	58.7 2.31	28.7 1.13	23.9 0.94	5000	15/16	60.96 2.4	28.956 1.14	22.352 0.88	5000	7/8
FD45-1238-06-04	2K6192	Male	Steel	0.250	8	SAE	9/16-18	Poppet	EPR	42.7 1.68	0	20.6 0.81	5000	13/16	42.164 1.66	25.654 1.01	22.352 0.88	5000	7/8
FD45-1399-20-20	B10K41NV143	Male	Brass	1.250	16	NPTF	1 1/4-11 1/2	NV	Flouro-carbon	108 4.25	0	60.5 2.38	1000	2 3/8	107.95 4.25	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1400-20-20	B10K41NV192	Male	Brass	1.250	16	NPTF	1 1/4-11 1/2	NV	EPR	108 4.25	0	60.5 2.38	1000	2 3/8	107.95 4.25	69.342 2.73	60.452 2.38	1200	2 3/8
FD45-1414-06-04	2H6	Female	Steel	0.250	8	SAE	9/16-18	Poppet	Buna-N	58.7 2.31	28.7 1.13	23.9 0.94	5000	15/16	60.96 2.4	28.956 1.14	22.352 0.88	5000	7/8
FD45-1415-06-04	2K6	Male	Steel	0.250	8	SAE	9/16-18	Poppet	Buna-N	42.7 1.68	0	20.6 0.81	5000	13/16	42.164 1.66	25.654 1.01	22.352 0.88	5000	7/8



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