

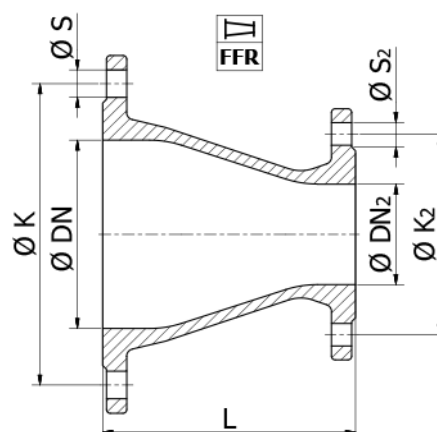
Product Data Sheet

1. Flanged fittings
1.03 Flanged taper
Flanged taper (FFR) PN10/16

Material EN 1563 EN-GJS-400-15
Design Std. EN 545
Coating Epoxy GSK RAL-GZ 662
Approval Kiwa BRL-K772/04



Kolk flanged fittings are made of ductile iron GJS-400/500 (DIN1693 GGG-40/50). Designed acc. to EN 545, flange drilling acc. to EN 1092-2 (ISO 7005-2). Epoxy coated (Resicoat®) acc. to EN 14901 (DIN 30677-2) and GSK certified (RAL-GZ 662).



Flanged taper (FFR) PN10/16

Article	Article Nr.	PN	ø DN [mm]	ø DN2 [mm]	L [mm]	Holes # [DN]	ø K [mm]	ø S [mm]	Holes # [DN2]	ø K2 [mm]	ø S2 [mm]	G [kg]		
FFR 65/50	1.03FFR1.000010	PN10/16	65	50	200	4	145	19	4	125	19	9		
FFR 80/50-4	1.03FFR1.000020	PN10	80	50	200	4	160	19	4	125	19	7		
FFR 80/50	1.03FFR1.000021	PN10/16	80	50	200	8	160	19	4	125	19	7		
FFR 80/65-4	1.03FFR1.000030	PN10	80	65	200	4	160	19	4	145	19	8		
FFR 80/65	1.03FFR1.000031	PN10/16	80	65	200	8	160	19	4	145	19	8		
FFR 100/50	1.03FFR1.010010	PN10/16	100	50	200	8	180	19	4	125	19	8		
FFR 100/65	1.03FFR1.010020	PN10/16	100	65	200	8	180	19	4	145	19	9		
FFR 100/80-4	1.03FFR1.010030	PN10	100	80	200	8	180	19	4	160	19	10		
FFR 100/80	1.03FFR1.010031	PN10/16	100	80	200	8	180	19	8	160	19	10		
FFR 125/65	1.03FFR1.010040	PN10/16	125	65	200	8	210	19	4	145	19	13		
FFR 125/80-4	1.03FFR1.010050	PN10	125	80	200	8	210	19	4	160	19	13		
FFR 125/80	1.03FFR1.010051	PN10/16	125	80	200	8	210	19	8	160	19	13		
FFR 125/100	1.03FFR1.010060	PN10/16	125	100	200	8	210	19	8	180	19	11		
FFR 150/50	1.03FFR1.010070	PN10/16	150	50	200	8	240	23	4	125	19	12		
FFR 150/65	1.03FFR1.010080	PN10/16	150	65	200	8	240	23	4	145	19	12		
FFR 150/80-4	1.03FFR1.010090	PN10	150	80	200	8	240	23	4	160	19	12		
FFR 150/80	1.03FFR1.010091	PN10/16	150	80	200	8	240	23	8	160	19	12		
FFR 150/100	1.03FFR1.010100	PN10/16	150	100	200	8	240	23	8	180	19	13		
FFR 150/125	1.03FFR1.010110	PN10/16	150	125	200	8	240	23	8	210	19	14		
FFR 200/80-4	1.03FFR1.020020	PN10	200	80	300	8	295	23	4	160	19	18		
FFR 200/80	1.03FFR1.020021	PN10	200	80	300	8	295	23	8	160	19	18		

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Article	Article Nr.	PN	ø DN [mm]	ø DN2 [mm]	L [mm]	Holes # [DN]	ø K [mm]	ø S [mm]	Holes # [DN2]	ø K2 [mm]	ø S2 [mm]	G [kg]		
FFR 200/100	1.03FFR2.020020	PN10	200	100	300	8	295	23	8	180	19	19		
FFR 200/125	1.03FFR2.020030	PN10	200	125	300	8	295	23	8	210	19	20		
FFR 200/150	1.03FFR2.020040	PN10	200	150	300	8	295	23	8	240	23	22		
FFR 250/80-4	1.03FFR2.020050	PN10	250	80	300	12	350	23	4	160	19	22		
FFR 250/80	1.03FFR2.020051	PN10	250	80	300	12	350	23	8	160	19	22		
FFR 250/100	1.03FFR2.020060	PN10	250	100	300	12	350	23	8	180	19	26		
FFR 250/125	1.03FFR2.020070	PN10	250	125	300	12	350	23	8	210	19	28		
FFR 250/150	1.03FFR2.020080	PN10	250	150	300	12	350	23	8	240	23	28		
FFR 250/200	1.03FFR2.020090	PN10	250	200	300	12	350	23	8	295	23	31		
FFR 300/100	1.03FFR2.030010	PN10	300	100	300	12	400	23	8	180	19	31		
FFR 300/125	1.03FFR2.030020	PN10	300	125	300	12	400	23	8	210	19	32		
FFR 300/150	1.03FFR2.030030	PN10	300	150	300	12	400	23	8	240	23	33		
FFR 300/200	1.03FFR2.030040	PN10	300	200	300	12	400	23	8	295	23	36		
FFR 300/250	1.03FFR2.030050	PN10	300	250	300	12	400	23	12	350	23	41		
FFR 350/150	1.03FFR2.030060	PN10	350	150	300	16	460	23	8	240	23	41		
FFR 350/200	1.03FFR2.030070	PN10	350	200	300	16	460	23	8	295	23	50		
FFR 350/250	1.03FFR2.030080	PN10	350	250	300	16	460	23	12	350	23	46		
FFR 350/300	1.03FFR2.030090	PN10	350	300	300	16	460	23	12	400	23	55		
FFR 400/100	1.03FFR2.040010	PN10	400	100	300	16	515	28	8	180	19	50		
FFR 400/125	1.03FFR2.040020	PN10	400	125	300	16	515	28	8	210	19	50		
FFR 400/150	1.03FFR2.040030	PN10	400	150	300	16	515	28	8	240	23	50		
FFR 400/200	1.03FFR2.040040	PN10	400	200	300	16	515	28	8	295	23	48		
FFR 400/250	1.03FFR2.040050	PN10	400	250	300	16	515	28	12	350	23	52		
FFR 400/300	1.03FFR2.040060	PN10	400	300	300	16	515	28	12	400	23	55		
FFR 400/350	1.03FFR2.040070	PN10	400	350	300	16	515	28	16	460	23	60		
FFR 450/200	1.03FFR2.040080	PN10	450	200	300	20	565	28	8	295	23	140		
FFR 450/250	1.03FFR2.040090	PN10	450	250	300	20	565	28	12	350	23	147		
FFR 450/300	1.03FFR2.040100	PN10	450	300	300	20	565	28	12	400	23	152		
FFR 450/350	1.03FFR2.040110	PN10	450	350	300	20	565	28	16	460	23	146		
FFR 450/400	1.03FFR2.040120	PN10	450	400	300	20	565	28	16	515	28	70		
FFR 450/400-L	1.03FFR2.040130	PN10	450	400	600	20	565	28	16	515	28	115		
FFR 500/200	1.03FFR2.050010	PN10	500	200	600	20	620	28	8	295	23	100		
FFR 500/250	1.03FFR2.050020	PN10	500	250	600	20	620	28	12	350	23	105		
FFR 500/300	1.03FFR2.050030	PN10	500	300	600	20	620	28	12	400	23	105		
FFR 500/350	1.03FFR2.050040	PN10	500	350	600	20	620	28	16	460	23	110		
FFR 500/400	1.03FFR2.050050	PN10	500	400	600	20	620	28	16	515	28	110		
FFR 500/450	1.03FFR2.050060	PN10	500	450	600	20	620	28	20	565	28	188		
FFR 600/200	1.03FFR2.060010	PN10	600	200	600	20	725	31	8	295	23	145		
FFR 600/250	1.03FFR2.060020	PN10	600	250	600	20	725	31	12	350	23	145		
FFR 600/300	1.03FFR2.060030	PN10	600	300	600	20	725	31	12	400	23	150		
FFR 600/350	1.03FFR2.060040	PN10	600	350	600	20	725	31	16	460	23	150		
FFR 600/400	1.03FFR2.060050	PN10	600	400	600	20	725	31	16	515	28	132		
FFR 600/450	1.03FFR2.060060	PN10	600	450	600	20	725	31	20	565	28	223		

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Article	Article Nr.	PN	ø DN [mm]	ø DN2 [mm]	L [mm]	Holes # [DN]	ø K [mm]	ø S [mm]	Holes # [DN2]	ø K2 [mm]	ø S2 [mm]	G [kg]		
FFR 600/500	1.03FFR2.060070	PN10	600	500	600	20	725	31	20	620	28	149		
FFR 700/300	1.03FFR2.070010	PN10	700	300	600	24	840	31	12	400	23	210		
FFR 700/350	1.03FFR2.070020	PN10	700	350	600	24	840	31	16	460	23	210		
FFR 700/400	1.03FFR2.070030	PN10	700	400	600	24	840	31	16	515	28	210		
FFR 700/450	1.03FFR2.070040	PN10	700	450	600	24	840	31	20	565	28	200		
FFR 700-500	1.03FFR2.070050	PN10	700	500	600	24	840	31	20	620	28	195		
FFR 700/600	1.03FFR2.070060	PN10	700	600	600	24	840	31	20	725	31	195		
FFR 800/400	1.03FFR2.080010	PN10	800	400	600	24	950	34	16	515	28	320		
FFR 800/450	1.03FFR2.080020	PN10	800	450	600	24	950	34	20	565	28	320		
FFR 800/500	1.03FFR2.080030	PN10	800	500	600	24	950	34	20	620	28	320		
FFR 800/600	1.03FFR2.080040	PN10	800	600	600	24	950	34	20	725	31	350		
FFR 800/700	1.03FFR2.080050	PN10	800	700	600	24	950	34	24	840	31	250		
FFR 900/500	1.03FFR2.090010	PN10	900	500	600	28	1050	34	20	620	28	280		
FFR 900/600	1.03FFR2.090020	PN10	900	600	600	28	1050	34	20	725	31	265		
FFR 900/700	1.03FFR2.090030	PN10	900	700	600	28	1050	34	24	840	31	300		
FFR 900/800	1.03FFR2.090040	PN10	900	800	600	28	1050	34	24	950	34	310		
FFR 1000/500	1.03FFR2.100010	PN10	1000	500	600	28	1160	37	20	620	28	380		
FFR 1000/600	1.03FFR2.100020	PN10	1000	600	600	28	1160	37	20	725	31	380		
FFR 1000/700	1.03FFR2.100030	PN10	1000	700	600	28	1160	37	24	840	31	360		
FFR 1000/800	1.03FFR2.100040	PN10	1000	800	600	28	1160	37	24	950	34	360		
FFR 1000/900	1.03FFR2.100050	PN10	1000	900	600	28	1160	37	28	1050	34	373		
FFR 1200/1000	1.03FFR2.120010	PN10	1200	1000	600	32	1380	41	28	1160	37	615		
FFR 200/80	1.03FFR3.020010	PN16	200	80	300	12	295	23	8	160	19	18		
FFR 200/100	1.03FFR3.020020	PN16	200	100	300	12	295	23	8	180	19	19		
FFR 200/125	1.03FFR3.020030	PN16	200	125	300	12	295	23	8	210	19	20		
FFR 200/150	1.03FFR3.020040	PN16	200	150	300	12	295	23	8	240	23	22		
FFR 250/80	1.03FFR3.020050	PN16	250	80	300	12	355	28	8	160	19	22		
FFR 250/100	1.03FFR3.020060	PN16	250	100	300	12	355	28	8	180	19	26		
FFR 250/125	1.03FFR3.020070	PN16	250	125	300	12	355	28	8	210	19	28		
FFR 250/150	1.03FFR3.020080	PN16	250	150	300	12	355	28	8	240	23	28		
FFR 250/200	1.03FFR3.020090	PN16	250	200	300	12	355	28	12	295	23	31		
FFR 300/100	1.03FFR3.030010	PN16	300	100	300	12	410	28	8	180	19	31		
FFR 300/125	1.03FFR3.030020	PN16	300	125	300	12	410	28	8	210	19	32		
FFR 300/150	1.03FFR3.030030	PN16	300	150	300	12	410	28	8	240	23	33		
FFR 300/200	1.03FFR3.030040	PN16	300	200	300	12	410	28	12	295	23	36		
FFR 300/250	1.03FFR3.030050	PN16	300	250	300	12	410	28	12	355	28	41		
FFR 350/150	1.03FFR3.030060	PN16	350	150	300	16	470	28	8	240	23	41		
FFR 350/200	1.03FFR3.030070	PN16	350	200	300	16	470	28	12	295	23	50		
FFR 350/250	1.03FFR3.030080	PN16	350	250	300	16	470	28	12	355	28	46		
FFR 350/300	1.03FFR3.030090	PN16	350	300	300	16	470	28	12	410	28	55		
FFR 400/100	1.03FFR3.040010	PN16	400	100	300	16	525	31	8	180	19	50		
FFR 400/125	1.03FFR3.040020	PN16	400	125	300	16	525	31	8	210	19	50		
FFR 400/150	1.03FFR3.040030	PN16	400	150	300	16	525	31	8	240	23	50		

Flanged taper (FFR) PN10/16

Article	Article Nr.	PN	ø DN [mm]	ø DN2 [mm]	L [mm]	Holes # [DN]	ø K [mm]	ø S [mm]	Holes # [DN2]	ø K2 [mm]	ø S2 [mm]	G [kg]		
FFR 400/200	1.03FFR3.040040	PN16	400	200	300	16	525	31	12	295	23	48		
FFR 400/250	1.03FFR3.040050	PN16	400	250	300	16	525	31	12	355	28	52		
FFR 400/300	1.03FFR3.040060	PN16	400	300	300	16	525	31	12	410	28	55		
FFR 400/350	1.03FFR3.040070	PN16	400	350	300	16	525	31	16	470	28	60		
FFR 450/200	1.03FFR3.040080	PN16	450	200	300	20	585	31	12	295	23	140		
FFR 450/250	1.03FFR3.040090	PN16	450	250	300	20	585	31	12	355	28	147		
FFR 450/300	1.03FFR3.040100	PN16	450	300	300	20	585	31	12	410	28	152		
FFR 450/350	1.03FFR3.040110	PN16	450	350	300	20	585	31	16	470	28	146		
FFR 450/400	1.03FFR3.040120	PN16	450	400	300	20	585	31	16	525	31	70		
FFR 450/400-L	1.03FFR3.040130	PN16	450	400	600	20	585	31	16	525	31	115		
FFR 500/200	1.03FFR3.050010	PN16	500	200	600	20	650	34	12	295	23	100		
FFR 500/250	1.03FFR3.050020	PN16	500	250	600	20	650	34	12	355	28	105		
FFR 500/300	1.03FFR3.050030	PN16	500	300	600	20	650	34	12	410	28	105		
FFR 500/350	1.03FFR3.050040	PN16	500	350	600	20	650	34	16	470	28	110		
FFR 500/400	1.03FFR3.050050	PN16	500	400	600	20	650	34	16	525	31	110		
FFR 500/450	1.03FFR3.050060	PN16	500	450	600	20	650	34	20	585	31	188		
FFR 600/200	1.03FFR3.060010	PN16	600	200	600	20	770	37	12	295	23	145		
FFR 600/250	1.03FFR3.060020	PN16	600	250	600	20	770	37	12	355	28	145		
FFR 600/300	1.03FFR3.060030	PN16	600	300	600	20	770	37	12	410	28	150		
FFR 600/350	1.03FFR3.060040	PN16	600	350	600	20	770	37	16	470	28	150		
FFR 600/400	1.03FFR3.060050	PN16	600	400	600	20	770	37	16	525	31	132		
FFR 600/450	1.03FFR3.060060	PN16	600	450	600	20	770	37	20	585	31	223		
FFR 600/500	1.03FFR3.060070	PN16	600	500	600	20	770	37	20	650	34	149		
FFR 700/300	1.03FFR3.070010	PN16	700	300	600	24	840	37	12	410	28	210		
FFR 700/350	1.03FFR3.070020	PN16	700	350	600	24	840	37	16	470	28	210		
FFR 700/400	1.03FFR3.070030	PN16	700	400	600	24	840	37	16	525	31	210		
FFR 700/450	1.03FFR3.070040	PN16	700	450	600	24	840	37	20	585	31	200		
FFR 700-500	1.03FFR3.070050	PN16	700	500	600	24	840	37	20	650	34	195		
FFR 700/600	1.03FFR3.070060	PN16	700	600	600	24	840	37	20	770	37	195		
FFR 800/400	1.03FFR3.080010	PN16	800	400	600	24	950	41	16	525	31	320		
FFR 800/450	1.03FFR3.080020	PN16	800	450	600	24	950	41	20	585	31	320		
FFR 800/500	1.03FFR3.080030	PN16	800	500	600	24	950	41	20	650	34	320		
FFR 800/600	1.03FFR3.080040	PN16	800	600	600	24	950	41	20	770	37	350		
FFR 800/700	1.03FFR3.080050	PN16	800	700	600	24	950	41	24	840	37	250		
FFR 900/500	1.03FFR3.090010	PN16	900	500	600	28	1050	41	20	650	34	280		
FFR 900/600	1.03FFR3.090020	PN16	900	600	600	28	1050	41	20	770	37	265		
FFR 900/700	1.03FFR3.090030	PN16	900	700	600	28	1050	41	24	840	37	300		
FFR 900/800	1.03FFR3.090040	PN16	900	800	600	28	1050	41	24	950	41	310		
FFR 1000/500	1.03FFR3.100010	PN16	1000	500	600	28	1170	44	20	650	34	380		
FFR 1000/600	1.03FFR3.100020	PN16	1000	600	600	28	1170	44	20	770	37	380		
FFR 1000/700	1.03FFR3.100030	PN16	1000	700	600	28	1170	44	24	840	37	360		
FFR 1000/800	1.03FFR3.100040	PN16	1000	800	600	28	1170	44	24	950	41	360		
FFR 1000/900	1.03FFR3.100050	PN16	1000	900	600	28	1170	44	28	1050	41	373		

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Article	Article Nr.	PN	∅ DN [mm]	∅ DN2 [mm]	L [mm]	Holes # [DN]	∅ K [mm]	∅ S [mm]	Holes # [DN2]	∅ K2 [mm]	∅ S2 [mm]	G [kg]		
FFR 1200/1000	1.03FFR3.120010	PN16	1200	1000	600	32	1390	50	28	1170	44	615		

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