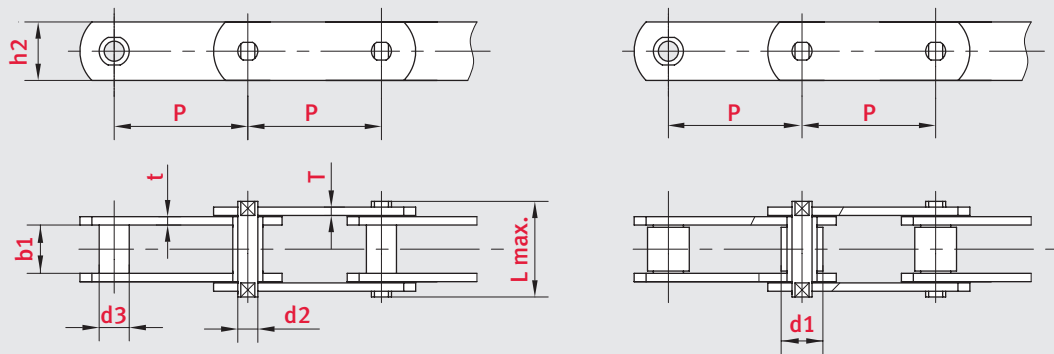




ELITE® Buchsenförderketten nach DIN 8167 – M Serie
Bush conveyor chains according to DIN 8167 – M series

iwis.de/80108

Kettentyp	Teilung										Lichte Weite	Bolzen Ø	Bolzenlänge	Buchsen Ø	Schonrollen Ø	Laufrollen Ø	Bundlaufrollen Ø	Laschenhöhe	Laschenstärke	min. Bruchkraft	Gelenkfläche					
Chain no.	Pitch										Width between inner plates	Pin Ø	Pin length	Bush Ø	Small roller Ø	Large roller Ø	Flanged roller Ø	Plate height	Plate thickness	Min. tensile strength	Bearing surface					
	p mm										b1 min. mm	d2 max. mm	L max. mm	d3 max. mm	d1 max. mm	d4 max. mm	d5 mm	h2 mm	T/t mm	F min. KN	cm²					
M20	40	50	63	80	100	125	160					16	6,0	35	9,0	12,5	25	32	18	2,50	20,0	1,26				
M28		50	63	80	100	125	160	200				18	7,0	40	10,0	15	30	36	20	3,00	28,0	1,68				
M40			63	80	100	125	160	200	250			20	8,5	45	12,5	18	36	42	25	3,50	40,0	2,30				
M56				63	80	100	125	160	200	250		24	10,0	52	15,0	21	42	50	30	4,00	56,0	3,20				
M80					80	100	125	160	200	250	315	28	12,0	62	18,0	25	50	60	35	5,00	80,0	4,56				
M112						80	100	125	160	200	250	315	400	32	73	21,0	30	60	70	40	6,00	112,0	6,60			
M160							100	125	160	200	250	315	400	500	37	85	25,0	36	70	85	50	7,00	160,0	9,18		
M224								125	160	200	250	315	400	500	630	43	98	30,0	42	85	100	60	8,00	224,0	12,39	
M315									160	200	250	315	400	500	630	48	112	36,0	50	100	120	70	10,00	315,0	17,00	
M450										200	250	315	400	500	630	800	56	135	42,0	60	120	140	80	12,00	450,0	24,00

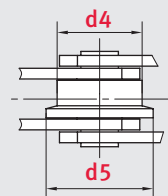
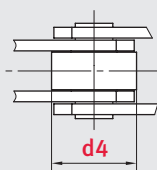
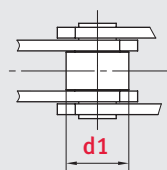
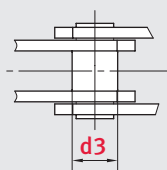


ohne Rollen
without roller

S (mit kleiner Rolle)
S (small roller type)

P (mit großer Rolle)
P (large roller type)

F (mit Spurkranz Rolle)
F (with flanged roller type)



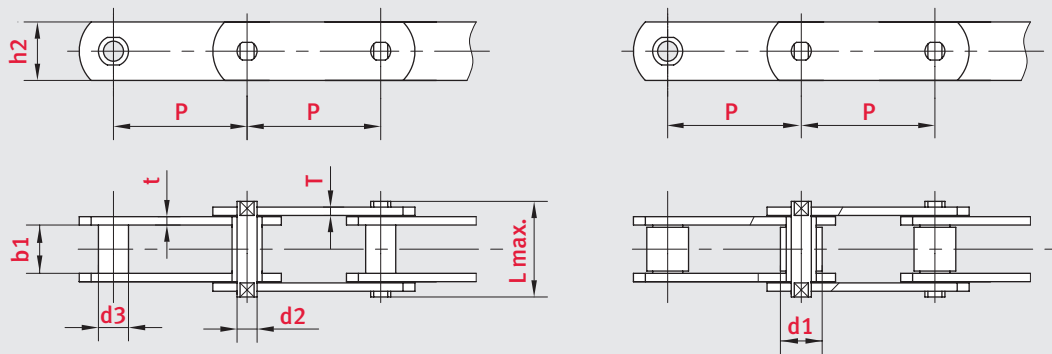


Buchsenförderketten nach DIN 8165 – FV Serie

Bush conveyor chains according to DIN 8165 – FV series

iwis.de/80109

Ketten- typ Chain no.	Teilung Pitch								Lichte Weite Width between inner plates	Bolzen Ø Pin Ø	Bolzen- länge Pin length	Buchsen Ø Bush Ø	Schon- rollen Ø Small roller Ø	Lauf- rollen Ø Large roller Ø	Bundlauf- rollen Ø Flanged roller Ø	Laschen- höhe Plate heigth	Laschen- dicke Plate thickness	min. Bruchkraft Min. tensile strength	Gelenk- fläche Bearing surface			
	p mm								b1 min. mm	d2 max. mm	L max. mm	d3 max. mm	d1 max. mm	d4 max. mm	d5 mm	d6 mm	h2 mm	T/t mm	F min. KN	cm ²		
FV40	50	63	80	100	125				18	10	39,0	15	20	32	40	50	25	3,00	40,0	2,5		
FV63		63	80	100	125	160			22	12	48,5	18	26	40	50	63	30	4,00	63,0	3,7		
FV90		63	80	100	125	160	200	250	25	14	56,5	20	30	48	63	78	35	5,00	90,0	5		
FV112				100	125	160	200	250	30	16	66,0	22	32	55	72	90	40	6,00	112,0	6,8		
FV140				100	125	160	200	250	35	18	71,5	26	36	60	80	100	45	6,00	140,0	8,6		
FV180					125	160	200	250	315	20	92,0	30	42	70	100	125	50	8,00	180,0	12,3		
FV250						160	200	250	315	400	55	26	103,5	36	50	80	125	155	60	8,00	250,0	18,7
FV315						160	200	250	315	400	65	30	126,5	42	60	90	140	175	70	10,00	315,0	25,8

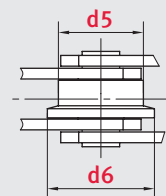
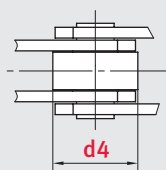
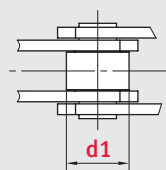
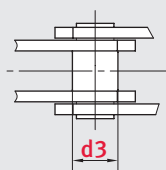


ohne Rollen
without roller

S (mit kleiner Rolle)
S (small roller type)

P (mit großer Rolle)
P (large roller type)

F (mit Spurkranz Rolle)
F (with flanged roller type)



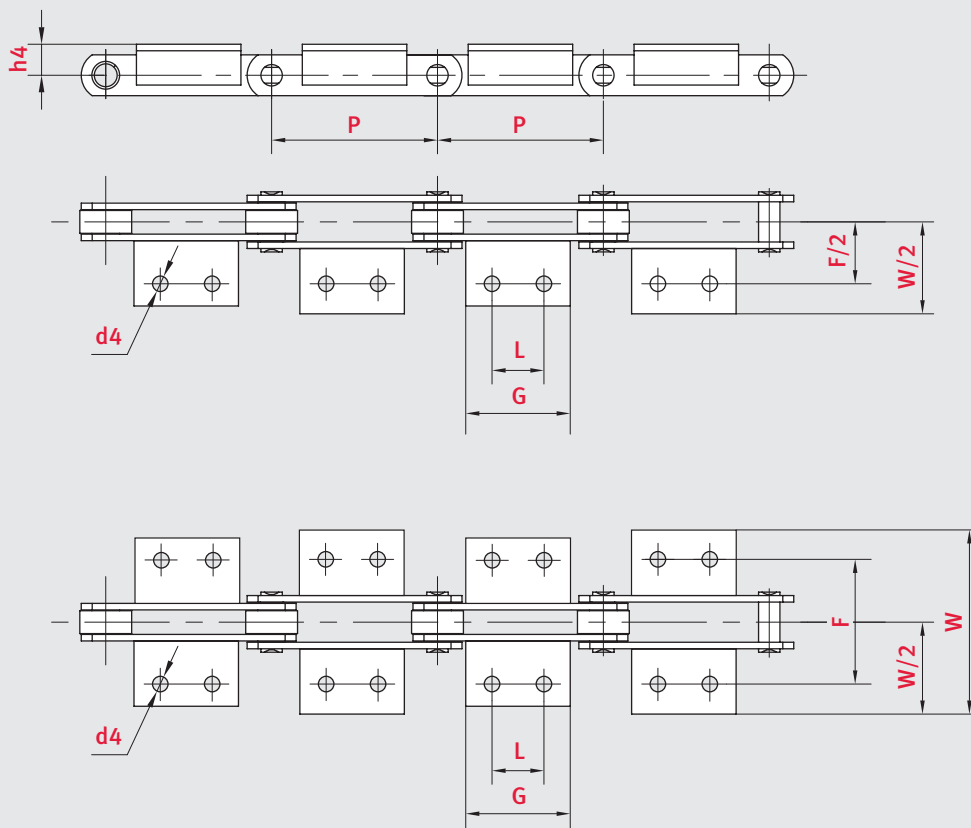


Anbauteile für Buchsenförderketten nach DIN 8167 – M Serie

Attachments for bush conveyor chains according to DIN 8167 – M series

iwis.de/80110

Kettentyp	Teilung	Mitte Kette bis Mitte Befestigungsbohrung	Mitte Kette bis Ende Aussenlasche	Mitte Kette bis Oberkante Winkel	Bohrungsdurchmesser	Bohrungsabstand	Winkellänge
Chain no.	Pitch	Distance from middle of chain to middle of bore	Distance from middle of chain to end of outer plate	Middle of chain to top of attachment	Bore diameter	Distance from middle of bore to middle of bore	Length of attachment plate
	P mm	F mm	W mm	h4 mm	d4 mm	L mm	G mm
M20	40	54	80	16	6,6		14
M20	50	54	80	16	6,6		14
M20	63	54	80	16	6,6	20	35
M20	80	54	80	16	6,6	35	50
M28	50	64	94	20	9		20
M28	63	64	94	20	9		20
M28	80	64	94	20	9	25	45
M28	100	64	94	20	9	40	60





Anbauteile für Buchsenförderketten nach DIN 8167 – M Serie

Attachments for bush conveyor chains according to DIN 8167 – M series

iwis.de/80111

Kettentyp	Teilung	Mitte Kette bis Mitte Befestigungsbohrung	Mitte Kette bis Ende Aussenlasche	Mitte Kette bis Oberkante Winkel	Bohrungsdurchmesser	Bohrungsabstand	Winkellänge
Chain no.	Pitch	Distance from middle of chain to middle of bore	Distance from middle of chain to end of outer plate	Middle of chain to top of attachment	Bore diameter	Distance from middle of bore to middle of bore	Length of attachment plate
	P mm	F mm	W mm	h4 mm	d4 mm	L mm	G mm
M40	63	70	100	25	9		31
M40	80	70	100	25	9	20	45
M40	100	70	100	25	9	40	60
M40	125	70	100	25	9	65	85
M56	63	88	122	30	11		22
M56	80	88	122	30	11		30
M56	100	88	122	30	11	25	50
M56	125	88	122	30	11	50	75
M56	160	88	122	30	11	85	110
M80	80	96	130	35	11		30
M80	100	96	130	35	11	25	50
M80	125	96	130	35	11	50	75
M80	160	96	130	35	11	85	110
M80	200	96	130	35	11	125	150
M112	80	110	160	40	14		28
M112	100	110	160	40	14		40
M112	125	110	160	40	14	35	65
M112	160	110	160	40	14	65	95
M112	200	110	160	40	14	100	130
M160	100	124	170	45	14		30
M160	125	124	170	45	14	25	50
M160	160	124	170	45	14	50	80
M160	200	124	170	45	14	85	115
M160	250	124	170	45	14	145	175
M224	125	140	200	55	18		35
M224	160	140	200	55	18		60
M224	200	140	200	55	18	65	100
M224	250	140	200	55	18	125	160
M224	315	140	200	55	18	190	230
M315	160	160	230	65	18		35
M315	200	160	230	65	18	50	85
M315	250	160	230	65	18	100	140
M315	315	160	230	65	18	155	190
M315	400	160	230	65	18	155	205

Zeichnung siehe Seite 110
 For drawing, see page 110

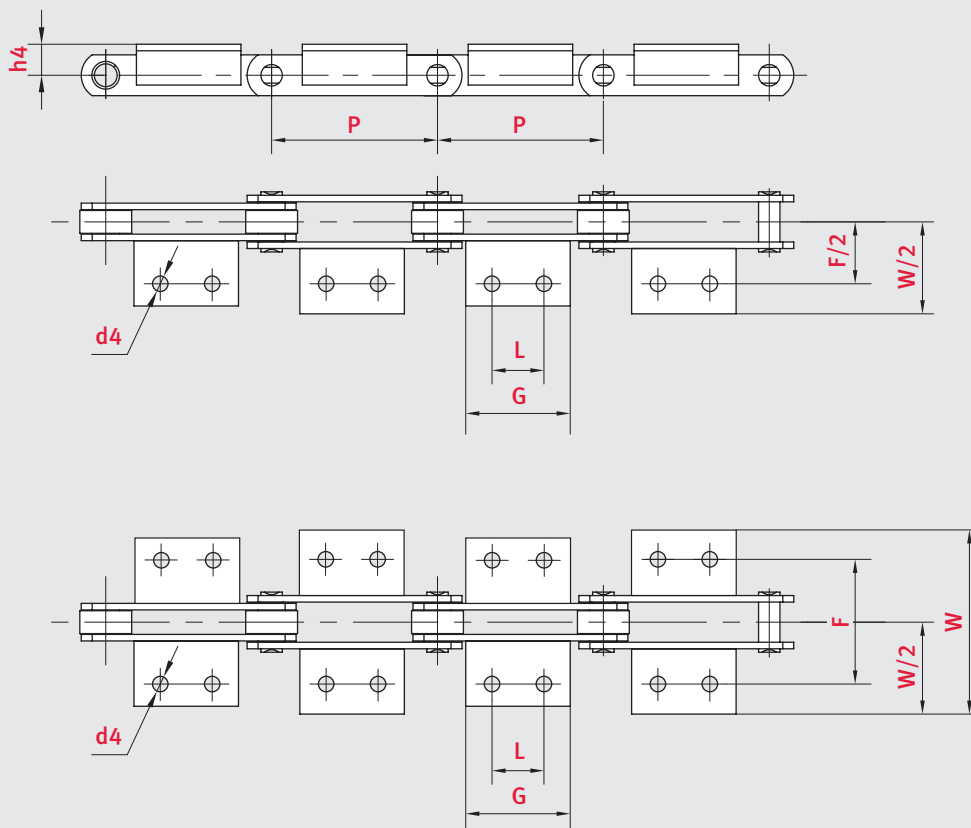


Anbauteile für Buchsenförderketten nach DIN 8165 – FV Serie

Attachments for bush conveyor chains according to DIN 8165 – FV series

iwis.de/80112

Kettentyp	Teilung	Mitte Kette bis Mitte Befestigungsbohrung	Mitte Kette bis Ende Aussenlasche	Mitte Kette bis Oberkante Winkel	Bohrungsdurchmesser	Bohrungsabstand	Winkellänge
Chain no.	Pitch	Distance from middle of chain to middle of bore	Distance from middle of chain to end of outer plate	Middle of chain to top of attachment	Bore diameter	Distance from middle of bore to middle of bore	Length of attachment plate
	p mm	F/2 mm	W/2 mm	h4 mm	d4 mm	L mm	G mm
FV40	50	50	81	20	6,6		45
FV40	63	50	81	20	6,6		31
FV40	80	50	81	20	6,6	25	45
FV40	100	50	81	20	6,6	30	50
FV40	125	50	81	20	6,6	30	60
FV63	63	68	100	30	9		40
FV63	80	68	100	30	9	25	45
FV63	100	68	100	30	9	30	50
FV63	125	68	100	30	9	40	60
FV63	160	68	100	30	9	50	70





Anbauteile für Buchsenförderketten nach DIN 8165 – FV Serie

Attachments for bush conveyor chains according to DIN 8165 – FV series

iwis.de/80113

Kettentyp	Teilung	Mitte Kette bis Mitte Befestigungsbohrung	Mitte Kette bis Ende Aussenlasche	Mitte Kette bis Oberkante Winkel	Bohrungsdurchmesser	Bohrungsabstand	Winkellänge
Chain no.	Pitch	Distance from middle of chain to middle of bore	Distance from middle of chain to end of outer plate	Middle of chain to top of attachment	Bore diameter	Distance from middle of bore to middle of bore	Length of attachment plate
	P mm	F/2 mm	W/2 mm	h4 mm	d4 mm	L mm	G mm
FV90	63	80	128	35	9		30
FV90	80	80	128	35	9	25	45
FV90	100	80	128	35	9	30	50
FV90	125	80	128	35	9	40	60
FV90	160	80	128	35	9	50	70
FV90	200	80	128	35	9	60	80
FV90	250	80	128	35	9	65	85
FV112	100	100	140	40	11	30	50
FV112	125	100	140	40	11	40	65
FV112	160	100	140	40	11	50	75
FV112	200	100	140	40	11	65	90
FV112	250	100	140	40	11	80	105
FV140	100	100	162	45	11	30	55
FV140	125	100	162	45	11	40	65
FV140	160	100	162	45	11	50	75
FV140	200	100	162	45	11	65	90
FV140	250	100	162	45	11	80	105
FV180	125	128	182	45	13	35	63
FV180	160	128	182	45	13	50	80
FV180	200	128	182	45	13	65	95
FV180	250	128	182	45	13	80	110
FV180	315	128	182	45	13	100	130
FV250	160	138	212	55	14	50	80
FV250	200	138	212	55	14	65	95
FV250	250	138	212	55	14	80	110
FV250	315	138	212	55	14	100	130
FV250	400	138	212	55	14	100	130
FV315	160	170	260	60	14		50
FV315	200	170	260	60	14	65	95
FV315	250	170	260	60	14	80	110
FV315	315	170	260	60	14	100	130
FV315	400	170	260	60	14	100	130

Zeichnung siehe Seite 112
 For drawing, see page 112

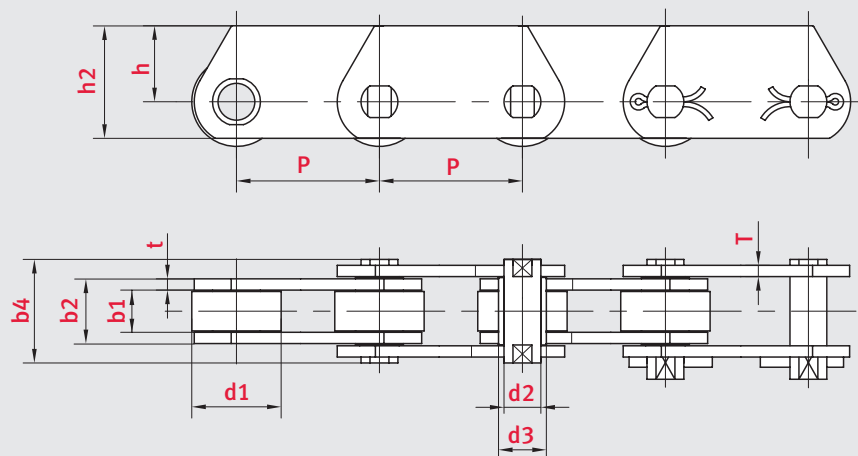


Rollentragketten nach DIN 8167 – MT Serie

Roller deep link chains according to DIN 8167 – MT series

iwis.de/80114

Kettentyp	Teilung										Lichte Weite	Bolzen Ø	Buchsen Ø	Lauffrollen Ø	Bolzen- länge	Laschenhöhe	Laschen- dicke	min. Bruchkraft	Gelenk- fläche		
Chain no.	Pitch										Width between inner plates	Pin Ø	Bush Ø	Large roller Ø	Pin length	Plate height	Plate thick- ness	Min. tensile strength	Bearing surface		
	p mm										b1 min. mm	d2 max. mm	d3 max. mm	d1 max. mm	b4 max. mm	h2 max. mm	h mm	T/t mm	F min. KN	-cm ²	
MT20	40	50	63	80	100							16	6	9,0	25	35	25	16,0	2,50	20,0	1,3
MT28		50	63	80	100	125						18	7	10,0	30	40	30	20,0	3,00	28,0	1,8
MT40			63	80	100	125	160					20	8,5	12,5	36	45	35	22,5	3,50	40,0	2,4
MT56			63	80	100	125	160					24	10	15,0	42	52	45	30,0	4,00	56,0	3,3
MT80				80	100	125	160	200				28	12	18,0	50	62	50	32,5	5,00	80,0	4,7
MT112				80	100	125	160	200				32	15	21,0	60	73	60	40,0	6,00	112,0	6,9
MT160					100	125	160	200	250			37	18	25,0	70	85	70	45,0	7,00	160,0	9,3
MT224						125	160	200	250	315		43	21	30,0	85	98	90	60,0	8,00	224,0	12,6
MT315							160	200	250	315	400	48	25	36,0	100	112	100	65,0	10,00	315,0	17,5
MT450								200	250	315	400	56	30	42,0	120	135	120	80,0	12,00	450,0	24,6



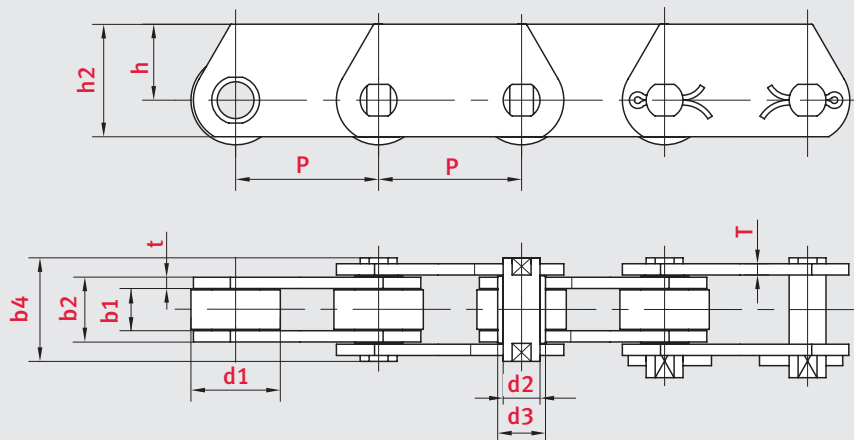


Rollentragketten nach DIN 8165 – FV Serie

Roller deep link chains according to DIN 8165 – FV series

iwis.de/80115

Kettentyp	Teilung									Lichte Weite	Bolzen Ø	Buchsen Ø	Laufrollen Ø	Bolzenlänge	Laschenhöhe		Laschendicke	min. Bruchkraft	Gelenkfläche
Chain no.	Pitch									Width between inner plates	Pin Ø	Bush Ø	Large roller Ø	Pin length	Plate height		Plate thickness	Min. tensile strength	Bearing surface
	p mm									b1 min. mm	d2 max. mm	d3 max. mm	d1 max. mm	b4 max. mm	h2 max. mm	h mm	T/t mm	F min. KN	~cm ²
FVT40	50	63	80	100	125					18	10	15	32	39,0	35	22,5	3,00	40,0	2,5
FVT63		63	80	100	125	160				22	12	18	40	48,5	40	25,0	4,00	63,0	3,7
FVT90		63	80	100	125	160	200	250		25	14	20	48	56,5	45	27,5	5,00	90,0	5,1
FVT112				100	125	160	200	250		30	16	22	55	66,0	50	30,0	6,00	112,0	6,8
FVT140				100	125	160	200	250		35	18	25	60	71,5	60	37,5	6,00	140,0	8,6
FVT180					125	160	200	250	315	45	20	30	70	92,0	70	45,0	8,00	180,0	12,3
FVT250						160	200	250	315	55	26	36	80	103,5	80	50,0	8,00	250,0	18,7
FVT315						160	200	250	315	65	30	42	90	126,5	90	55,0	10,00	315,0	25,8



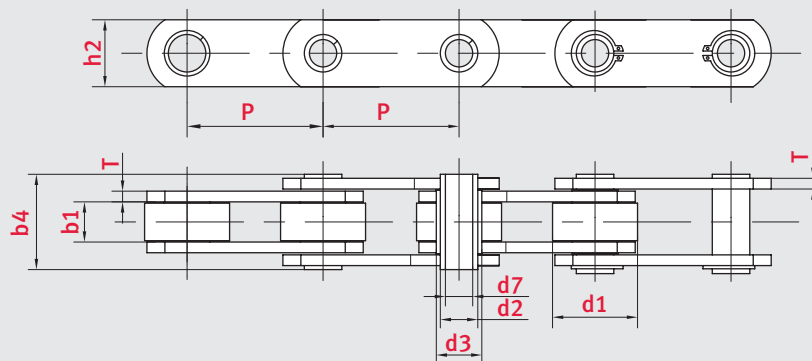


Hohlbolzenketten nach DIN 8168 – MC Serie

Hollow pin conveyor chains according to DIN 8168 – MC series

iwis.de/80116

Kettentyp Chain no.	Teilung Pitch								Lichte Weite Width between inner plates	Bolzen Pin			Rollen Roller				Laschen- höhe Plate thick- ness	min. Bruchkraft Min. tensile strength	Gelenk- fläche Bearing surface			
	p mm									Bolzen Ø Pin Ø	Buchsen Ø Bush Ø	Schon- rollen Ø Small roller Ø	Laufrollen Ø Large roller Ø	Bundlauf- rollen Ø Flanged roller Ø	Bolzen- länge Pin length	F min. KN				cm ²		
MC28	63	80	100	125	160				20	13,0	8,2	17	25	36	45	38,5	25	3,00	28,0	3,6		
MC56		80	100	125	160	200	250		24	15,5	10,2	21	30	50	60	47,5	35	4,00	56,0	5,1		
MC112			100	125	160	200	250	315	32	22,0	14,3	29	42	70	85	64,5	50	6,00	112,0	9,9		
MC224					160	200	250	315	400	500	43	30,0	20,3	41	60	100	120	85,5	70	8,00	224,0	18,6

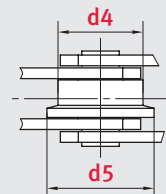
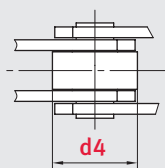
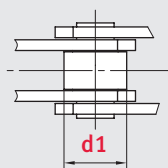
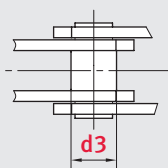


ohne Rollen
without roller

S (mit kleiner Rolle)
S (small roller type)

P (mit großer Rolle)
P (large roller type)

F (mit Spurkranz Rolle)
F (with flanged roller type)



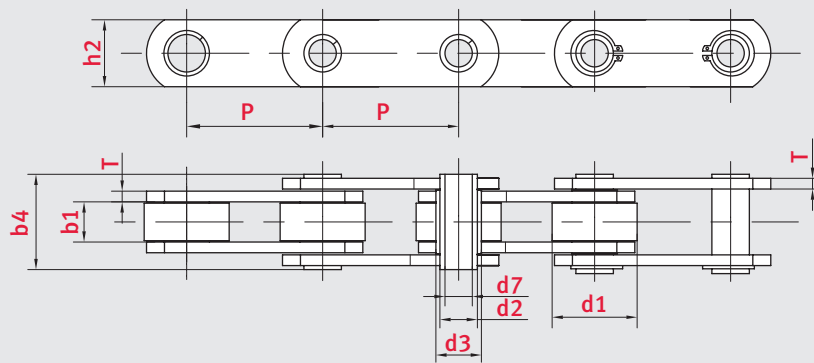


Hohlbolzenketten nach DIN 8165 – FVC Serie

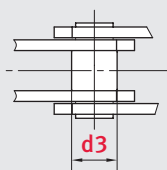
Hollow pin conveyor chains according to DIN 8165 – FVC series

iwis.de/80117

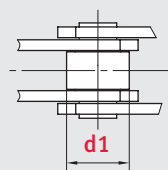
Kettentyp Chain no.	Teilung Pitch								Lichte Weite Width between inner plates	Bolzen Pin			Rollen Roller				Bolzen- länge Pin length	Laschen- höhe Plate height	Laschen- dicke Plate thick- ness	min. Bruchkraft Min. tensile strength	Gelenk- fläche Bearing surface	
	p mm									b1 min. mm	d2 max. mm	d7 min. mm	Buchsen Ø Bush Ø	Schonrollen Ø Small roller Ø	Laufrollen Ø Large roller Ø	Bundlauf- rollen Ø Flanged roller Ø						d5 mm
FVC 63	63	80	100	125	160				22	12	8	18	26	40	50	63	50,5	30	4,00	46,0	3,6	
FVC 90	63	80	100	125	160	200	250		25	14	10	20	30	48	63	78	56,5	35	5,00	73,0	4,9	
FVC 112			100	125	160	200	250		30	16	11	22	32	55	72	90	63,0	40	6,00	90,0	6,2	
FVC 140			100	125	160	200	250		35	18	12	26	36	60	80	100	68,5	45	6,00	110,0	8,5	
FVC 180				125	160	200	250	315	45	20	14	30	42	70	100	125	88,0	50	8,00	145,0	12,2	
FVC 250					160	200	250	315	400	55	26	18	36	50	80	125	155	103,5	60	8,00	215,0	18,5
FVC 315					160	200	250	315	400	65	30	20	42	60	90	140	175	121,5	70	10,00	295,0	25,5



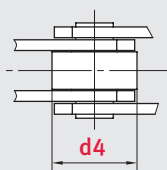
ohne Rollen
without roller



S (mit kleiner Rolle)
S (small roller type)



P (mit großer Rolle)
P (large roller type)



F (mit Spurkranz Rolle)
F (with flanged roller type)

