

Datasheet
ERHARD
Dismantling joints



ERHARD DISMANTLING JOINTS

The classic allrounder

Equipped with three flanges, the ERHARD PAS20 is the perfect solution for all standard applications. It is easy to install and remove thanks to the standard longitudinal adjustability of $V=\pm 20$ mm or ± 25 mm (according to nominal size) and thus offers perfect support during the installation and removal of valves. The ERHARD PAS20 has connection flanges with the same dimensions at both ends and is lockable.

Stable, continuous thread bolts provide a secure mounting to the pipe resp. to the valve. The ERHARD PAS20 is available in nominal sizes up to DN 1600 and in pressure ratings PN 10, 16, 25 and 40. The product range of ERHARD Dismantling joints offers 3 basic types and a total of over 100 variants in different nominal pressures and sizes. They have the best possible conditions for a safe and easy installation in the pipe net.



Operating instruction

BA85E000_Dismantling_joints

DIMENSIONS AND WEIGHTS

PN	DN	Nominal length (mm)	Adjustability +/- (mm)	Tie-rods (number x diameter x length mm)	Weight (kg)
ERHARD PAS10, 25% tie-rods					
10	50	180	20	2 x M16 x 280	8
	65	180	20	2 x M16 x 280	10
	80	200	20	2 x M16 x 310	13
	100	200	20	2 x M16 x 310	15
	125	200	20	2 x M16 x 310	18
	150	200	20	2 x M20 x 340	22
	200	220	25	4 x M20 x 340	32
	250	220	25	4 x M20 x 360	39
	300	220	25	4 x M20 x 360	45
	350	230	25	4 x M20 x 360	67
	400	230	25	4 x M24 x 370	81
	450	250	25	5 x M24 x 390	91
	500	260	25	5 x M24 x 390	103
	600	260	25	5 x M27 x 410	127
	700	260	25	6 x M27 x 410	160
	800	290	25	6 x M30 x 460	217
	900	290	25	7 x M30 x 460	241
1000	290	25	7 x M33 x 480	277	
1100	300	25	8 x M33 x 480	310	
1200	320	25	8 x M36 x 520	413	
1400	325	25	9 x M39 x 540	548	
1500	325	25	9 x M39 x 540	604	
1600	350	25	10 x M45 x 585	738	
16	50	180	20	2 x M16 x 280	8
	65	180	20	2 x M16 x 280	10
	80	200	20	2 x M16 x 310	13
	100	200	20	2 x M16 x 310	15
	125	200	20	2 x M16 x 310	18
	150	200	20	2 x M20 x 340	22
	200	220	25	4 x M20 x 340	31
	250	230	25	4 x M24 x 370	43
	300	250	25	4 x M24 x 410	53
	350	260	25	4 x M24 x 410	78
	400	270	25	4 x M27 x 430	96
	450	270	25	5 x M27 x 430	111
	500	280	25	5 x M30 x 460	142
	600	300	25	5 x M33 x 480	189
	700	300	25	6 x M33 x 480	199
	800	320	25	6 x M36 x 520	262
	900	320	25	7 x M36 x 520	301
1000	325	25	7 x M39 x 550	374	
1100	325	25	8 x M39 x 550	405	
1200	325	25	8 x M45 x 575	515	
1400	350	25	9 x M45 x 620	674	
1500	390	25	9 x M52 x 675	847	
1600	390	25	10 x M52 x 675	948	

ERHARD PAS10, 50% tie-rods

25	50	200	20	2 x M16 x 310	9
	65	200	25	4 x M16 x 310	12
	80	210	20	4 x M16 x 330	13
	100	220	25	4 x M20 x 340	19
	125	220	25	4 x M24 x 370	26
	150	230	25	4 x M24 x 370	29
	200	230	25	6 x M24 x 370	42
	250	250	25	6 x M27 x 410	58
	300	250	25	8 x M27 x 410	78
	350	270	25	8 x M30 x 440	113

PN	DN	Nominal length (mm)	Adjustability +/- (mm)	Tie-rods (number x diameter x length mm)	Weight (kg)
	400	280	25	8 x M33 x 480	140
	450	280	25	10 x M33 x 480	158
	500	300	25	10 x M33 x 480	175
	600	320	25	10 x M36 x 520	252
	700	325	25	12 x M39 x 550	317
	800	325	25	12 x M45 x 575	429
	900	340	25	14 x M45 x 585	537

ERHARD PAS10, 50% tie-rods

40	50	200	20	2 x M16 x 310	9
	65	200	25	4 x M16 x 310	12
	80	210	20	4 x M16 x 330	13
	100	220	25	4 x M20 x 340	19
	125	220	25	4 x M24 x 370	26
	150	230	25	4 x M24 x 370	29
	200	240	25	6 x M27 x 410	50
	250	260	25	6 x M30 x 440	80
	300	280	25	8 x M30 x 460	110
	350	290	25	8 x M33 x 480	134
	400	320	25	8 x M36 x 540	201
	450	320	25	10 x M36 x 540	213
	500	325	25	10 x M39 x 590	278

ERHARD PAS20

10	50	180	20	4 x M16 x 280	11
	65	180	20	4 x M16 x 280	15
	80	200	20	8 x M16 x 310	17
	100	200	20	8 x M16 x 310	19
	125	200	20	8 x M16 x 310	23
	150	200	20	8 x M20 x 340	30
	200	220	25	8 x M20 x 340	40
	250	220	25	12 x M20 x 360	54
	300	220	25	12 x M20 x 360	62
	350	230	25	16 x M20 x 360	89
	400	230	25	16 x M24 x 370	113
	450	250	25	20 x M24 x 390	132
	500	260	25	20 x M24 x 390	146
	600	260	25	20 x M27 x 410	184
	700	260	25	24 x M27 x 410	226
	800	290	25	24 x M30 x 460	308
	16	900	290	25	28 x M30 x 460
1000		290	25	28 x M33 x 480	419
1100		300	25	32 x M33 x 480	473
1200		320	25	32 x M36 x 520	632
1400		325	25	36 x M39 x 540	836
1500		325	25	36 x M39 x 540	899
1600		350	25	40 x M45 x 585	1248
50		180	20	4 x M16 x 280	11
65		180	20	4 x M16 x 280	15
80		200	20	8 x M16 x 310	17
100	200	20	8 x M16 x 310	19	
125	200	20	8 x M16 x 310	23	
150	200	20	8 x M20 x 340	30	
200	220	25	12 x M20 x 340	44	
250	230	25	12 x M24 x 370	63	
300	250	25	12 x M24 x 410	76	
350	260	25	16 x M24 x 410	107	
400	270	25	16 x M27 x 430	137	
450	270	25	20 x M27 x 430	163	
500	280	25	20 x M30 x 460	212	

PN	DN	Nominal length (mm)	Adjustability +/- (mm)	Tie-rods (number x diameter x length mm)	Weight (kg)
	600	300	25	20 x M33 x 480	288
	700	300	25	24 x M33 x 480	302
	800	320	25	24 x M36 x 520	399
	900	320	25	28 x M36 x 520	463
	1000	325	25	28 x M39 x 550	600
	1100	325	25	32 x M39 x 550	659
	1200	325	25	32 x M45 x 575	908
	1400	350	25	36 x M45 x 620	1114
	1500	390	25	36 x M52 x 675	1476
	1600	390	25	40 x M52 x 675	1671
25	50	200	20	4 x M16 x 310	11
	65	200	25	8 x M16 x 310	16
	80	210	20	8 x M16 x 330	17
	100	220	25	8 x M20 x 340	26
	125	220	25	8 x M24 x 370	37
	150	230	25	8 x M24 x 370	40
	200	230	25	12 x M24 x 370	60
	250	250	25	12 x M27 x 410	82
	300	250	25	16 x M27 x 410	108
	350	270	25	16 x M30 x 460	158
	400	280	25	16 x M33 x 480	199
	450	280	25	20 x M33 x 480	227
	500	300	25	20 x M33 x 480	249
	600	320	25	20 x M36 x 520	348
	700	340	25	24 x M39 x 550	452
	800	360	25	24 x M45 x 600	629
	900	380	25	28 x M45 x 640	786
40	50	200	20	4 x M16 x 310	11
	65	200	25	8 x M16 x 310	16
	80	210	20	8 x M16 x 330	17
	100	220	25	8 x M20 x 340	26
	125	220	25	8 x M24 x 370	37
	150	230	25	8 x M24 x 370	40
	200	240	25	12 x M27 x 410	79
	250	260	25	12 x M30 x 440	114
	300	280	25	16 x M30 x 460	155
	350	290	25	16 x M33 x 480	193
	400	340	25	16 x M36 x 540	288
	450	340	25	20 x M36 x 540	307
	500	380	25	20 x M39 x 600	408
ERHARD PAS30					
10	50	300	25	4 x M16 x 250	15
	65	300	25	4 x M16 x 250	17
	80	300	25	8 x M16 x 250	20
	100	300	25	8 x M16 x 250	26
	125	300	25	8 x M16 x 250	31
	150	350	25	8 x M20 x 290	41
	200	350	25	8 x M20 x 290	56
	250	350	25	12 x M20 x 290	73
	300	350	25	12 x M20 x 290	84
	350	350	25	16 x M20 x 290	114
	400	375	25	16 x M24 x 320	148
	450	375	25	20 x M24 x 320	169
	500	375	25	20 x M24 x 320	187
	600	400	25	20 x M27 x 340	236
	700	400	25	24 x M27 x 340	289
	800	450	25	24 x M30 x 380	405
	900	450	25	28 x M30 x 380	458
	1000	475	25	28 x M33 x 420	637
	1100	475	25	32 x M33 x 420	719
	1200	525	25	32 x M36 x 450	838
	1400	550	25	36 x M39 x 470	1069
	1500	550	25	36 x M39 x 470	1172
	1600	600	25	40 x M45 x 520	1557
16	50	300	25	4 x M16 x 250	15
	65	300	25	4 x M16 x 250	17
	80	300	25	8 x M16 x 250	20

PN	DN	Nominal length (mm)	Adjustability +/- (mm)	Tie-rods (number x diameter x length mm)	Weight (kg)
	100	300	25	8 x M16 x 250	26
	125	300	25	8 x M16 x 250	31
	150	350	25	8 x M20 x 290	41
	200	350	25	12 x M20 x 290	56
	250	375	25	12 x M24 x 320	79
	300	375	25	12 x M24 x 320	97
	350	425	25	16 x M24 x 350	137
	400	425	25	16 x M27 x 350	168
	450	425	25	20 x M27 x 350	197
	500	450	25	20 x M30 x 380	279
	600	475	25	20 x M33 x 400	358
	700	475	25	24 x M33 x 400	370
	800	525	25	24 x M36 x 450	468
	900	525	25	28 x M36 x 450	546
	1000	550	25	28 x M39 x 450	710
	1100	575	25	32 x M39 x 450	790
	1200	600	25	32 x M45 x 520	1011
	1400	625	25	36 x M45 x 520	1227
25	50	325	25	4 x M16 x 260	15
	65	325	25	8 x M16 x 260	18
	80	325	25	8 x M16 x 260	21
	100	350	25	8 x M20 x 290	27
	125	375	25	8 x M24 x 320	35
	150	375	25	8 x M24 x 320	50
	200	375	25	12 x M24 x 320	74
	250	425	25	12 x M27 x 350	98
	300	425	25	16 x M27 x 350	130
	350	450	25	16 x M30 x 380	208
	400	500	25	16 x M33 x 420	265
	450	525	25	20 x M33 x 420	273
	500	525	25	20 x M33 x 420	327
	600	550	25	20 x M36 x 450	412
	700	600	25	24 x M39 x 470	546
	800	625	25	24 x M45 x 500	711
	900	625	25	28 x M45 x 500	873
40	50	325	25	4 x M16 x 260	15
	65	325	25	8 x M16 x 260	18
	80	325	25	8 x M16 x 260	21
	100	350	25	8 x M20 x 290	27
	125	375	25	8 x M24 x 320	35
	150	375	25	8 x M24 x 320	50
	200	425	25	12 x M27 x 350	76
	250	450	25	12 x M30 x 380	105
	300	450	25	16 x M30 x 380	150
	350	500	25	16 x M33 x 420	276
	400	550	25	16 x M36 x 450	329
	450	550	25	20 x M36 x 450	341
	500	600	25	20 x M39 x 490	465

Additional nominal sizes or pressure ratings on request

Standard materials & relevant norms

Flange norm/drilling	ISO2531/EN1092 raised face – reduced bore (RF-RB), other norms/drillings, e.g. ANSI Class on request
Body	GGG-50, S235 to EN10025 and/or S275 to EN10025
Gasket	EPDM to EN-681 (WRAS approved)
Bolts, nuts & washers	Hot dip galvanized (stainless steel AIS316-A4 on request)
Tie-rods	Zinc electroplated or hot dip galvanized (stainless steel AIS316-A4 on request)
Coating	Non-toxic fusion bounded epoxy (FBE) powder, Resicoat RT9000 R4 epoxy (blue coloured-RAL 5015), 305 microns (WRAS approved)



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