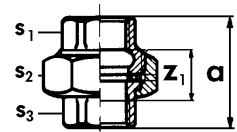
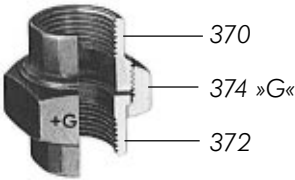


330

Union,
Flat Seat



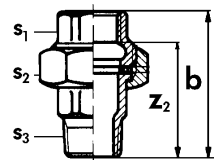
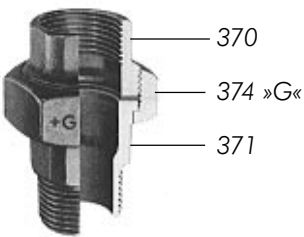
ISO U1

Dimension		Code	a	z ₁	s ₁	s ₂	s ₃
		374 »G«					
• S	1/4 5/8	770 330 102	42	22	19	28	10
• V	1/4 5/8	770 330 202					
• S	3/8 3/4	770 330 103	47	27	22	32	12
• V	3/8 3/4	770 330 203					
• S	1/2 1	770 330 104	48	22	26	39	26
• V	1/2 1	770 330 204					
• S	3/4 1 1/4	770 330 105	52	22	31	48	31
• V	3/4 1 1/4	770 330 205					
• S	1 1 1/2	770 330 106	59	25	38	55	38
• V	1 1 1/2	770 330 206					
• S	1 1/4 2	770 330 107	65	27	48	67	48
• V	1 1/4 2	770 330 207					
• S	1 1/2 2 1/4	770 330 108	70	32	54	74	54
• V	1 1/2 2 1/4	770 330 208					
• S	2 2 3/4	770 330 109	80	32	66	90	67
• V	2 2 3/4	770 330 209					
• S	2 1/2 3 1/2	770 330 110	85	31	85	111	85
• V	2 1/2 3 1/2	770 330 210					
• S	3 4	770 330 111	96	36	96	131	96
• V	3 4	770 330 211					
S	4 5	770 330 112	111	39	120	151	122
V	4 5	770 330 212					

supplied without sealing gaskets
a and z₁ include the seal thickness
as per table page 81

331

Union
Flat seat



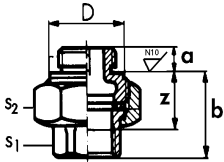
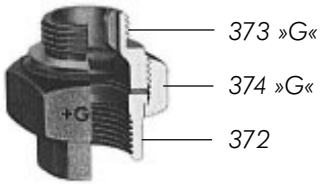
ISO U2

Dimension		Code	b	z ₂	s ₁	s ₂	s ₃
		374 »G«					
• S	1/4 5/8	770 331 102	55	45	19	28	15
• V	1/4 5/8	770 331 202					
• S	3/8 3/4	770 331 103	58	48	22	32	19
• V	3/8 3/4	770 331 203					
• S	1/2 1	770 331 104	66	53	26	39	25
• V	1/2 1	770 331 204					
• S	3/4 1 1/4	770 331 105	72	57	31	48	32
• V	3/4 1 1/4	770 331 205					
• S	1 1 1/2	770 331 106	80	63	38	55	39
• V	1 1 1/2	770 331 206					
• S	1 1/4 2	770 331 107	90	71	48	67	48
• V	1 1/4 2	770 331 207					
• S	1 1/2 2 1/4	770 331 108	95	76	54	74	54
• V	1 1/2 2 1/4	770 331 208					
• S	2 2 3/4	770 331 109	107	83	66	90	66
• V	2 2 3/4	770 331 209					
S	2 1/2 3 1/2	770 331 110	118	91	85	111	85
V	2 1/2 3 1/2	770 331 210					
S	3 4	770 331 111	131	101	96	131	95
V	3 4	770 331 211					

supplied without sealing gaskets
b and z₂ include the seal thickness
as per table page 81

332

Union
Flat seat

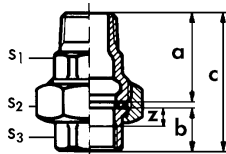
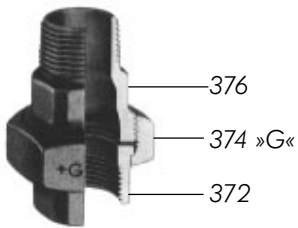


supplied without sealing gaskets
a and z include the seal thickness
as per table page 81

Dimension	Code	a	b	z	s ₁	s ₂	D
Rp/G 374 »G«							
S 1/2 1 ▲	770 332 104	11	35	22	26	39	30
V 1/2 1 ▲	770 332 204						
S 3/4 1 1/4	770 332 105	12	39	24	31	48	36
V 3/4 1 1/4	770 332 205						
S 1 1 1/2	770 332 106	14	42	25	38	55	43
V 1 1 1/2	770 332 206						
S 1 1/4 2	770 332 107	16	50	31	48	67	53
V 1 1/4 2	770 332 207						
S 1 1/2 2 1/4 ▲	770 332 108	17	52	33	54	74	60
V 1 1/2 2 1/4 ▲	770 332 208						
S 2 2 3/4 ▲	770 332 109	19	57	33	67	90	73

335

Union
Flat seat

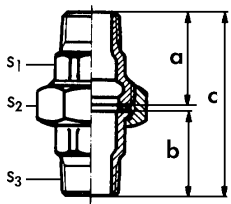
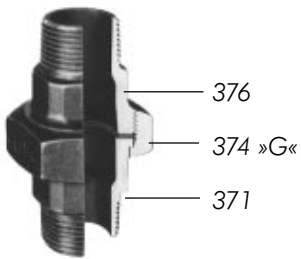


supplied without sealing gaskets
c includes the seal thickness
as per table page 81

Dimension	Code	a	b	c	z	s ₁	s ₂	s ₃
374 »G«								
S 1/2 1	770 335 104	43	21	66	8	26	39	26
V 1/2 1	770 335 204							
S 3/4 1 1/4	770 335 105	48	22	72	7	32	48	31
V 3/4 1 1/4	770 335 205							
S 1 1 1/2	770 335 106	54	26	82	9	38	55	38
V 1 1 1/2	770 335 206							
S 1 1/4 2	770 335 107	57	31	90	12	48	67	48
V 1 1/4 2	770 335 207							
S 1 1/2 2 1/4	770 335 108	61	32	95	13	54	74	54
V 1 1/2 2 1/4	770 335 208							

336

Union
Flat seat

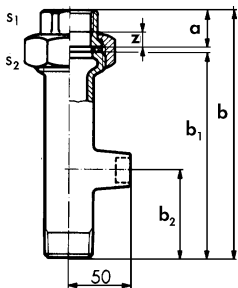
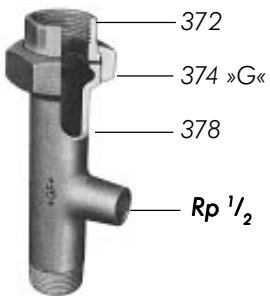


supplied without sealing gaskets
c includes the seal thickness
as per table page 81

Dimension		Code	a	b	c	s ₁	s ₂	s ₃
	374 »G«							
S 1/2	1	770 336 104	43	40	85	26	39	25
V 1/2	1	770 336 204						
S 3/4	1 1/4	770 336 105	48	42	92	32	48	32
V 3/4	1 1/4	770 336 205						
S 1	1 1/2	770 336 106	54	47	103	38	55	39
V 1	1 1/2	770 336 206						
S 1 1/4	2	770 336 107	57	55	114	48	67	48
V 1 1/4	2	770 336 207						
S 1 1/2	2 1/4	770 336 108	61	57	120	54	74	54
V 1 1/2	2 1/4	770 336 208						

338

Distribution union
Flat seat

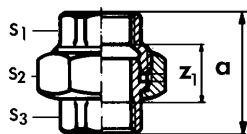
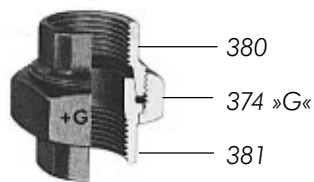


supplied without sealing gaskets
b includes the seal thickness
as per table page 81

Dimension		Code	a	b	b ₁	b ₂	z	s ₁	s ₂
	374 »G«								
V 3/4	1 1/4	770 338 220	22	177	153	74	7	31	48
V 1	1 1/2	770 338 221	26	174	146	67	9	38	55
V 1 1/4	2	770 338 222	31	174	141	59	12	48	67

340

Union
taper seat

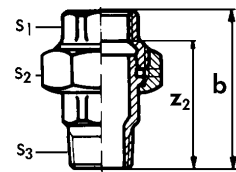
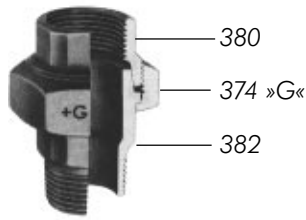


ISO U11

Dimension		Code	a			z_1	s_1	s_2	s_3
374 »G«									
• S	$1/8$	$1/2$	770 340 101	38		24	15	26	15
• V	$1/8$	$1/2$	770 340 201						
• S	$1/4$	$5/8$	770 340 102	42		22	19	28	10
• V	$1/4$	$5/8$	770 340 202						
• S	$3/8$	$3/4$	770 340 103	48		28	22	32	12
• V	$3/8$	$3/4$	770 340 203						
• S	$1/2$	1	770 340 104	48		22	26	39	25
• V	$1/2$	1	770 340 204						
• S	$3/4$	$1 1/4$	770 340 105	52		22	31	48	32
• V	$3/4$	$1 1/4$	770 340 205						
• S	1	$1 1/2$	770 340 106	58		24	38	55	38
• V	1	$1 1/2$	770 340 206						
• S	$1 1/4$	2	770 340 107	65		27	48	67	48
• V	$1 1/4$	2	770 340 207						
• S	$1 1/2$	$2 1/4$	770 340 108	70		32	53	74	54
• V	$1 1/2$	$2 1/4$	770 340 208						
• S	2	$2 3/4$	770 340 109	78		30	65	90	66
• V	2	$2 3/4$	770 340 209						
• S	$2 1/2$	$3 1/2$	770 340 110	90		36	85	111	85
• V	$2 1/2$	$3 1/2$	770 340 210						
• S	3	4	770 340 111	101		41	96	131	96
• V	3	4	770 340 211						
• S	4	5	770 340 112	114		42	120	151	120
• V	4	5	770 340 212						

341

Union
taper seat

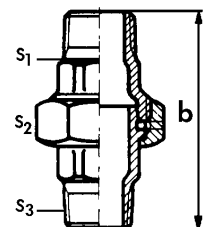
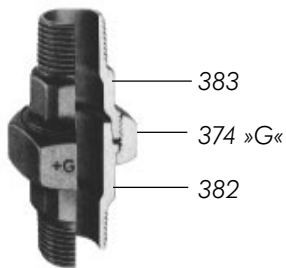


iso U12

Dimension	Code	b	z ₂	s ₁	s ₂	s ₃
• S 1/4 374 »G« 5/8	770 341 102	55	45	19	28	15
• V 1/4 5/8	770 341 202					
• S 3/8 3/4	770 341 103	59	49	22	32	20
• V 3/8 3/4	770 341 203					
• S 1/2 1	770 341 104	66	53	26	39	25
• V 1/2 1	770 341 204					
• S 3/4 1 1/4	770 341 105	72	57	31	48	32
• V 3/4 1 1/4	770 341 205					
• S 1 1 1/2	770 341 106	80	63	38	55	38
• V 1 1 1/2	770 341 206					
• S 1 1/4 2	770 341 107	90	71	48	67	48
• V 1 1/4 2	770 341 207					
• S 1 1/2 2 1/4	770 341 108	96	77	53	74	54
• V 1 1/2 2 1/4	770 341 208					
• S 2 2 3/4	770 341 109	106	82	65	90	67
• V 2 2 3/4	770 341 209					
• S 2 1/2 3 1/2	770 341 110	122	95	85	111	85
• V 2 1/2 3 1/2	770 341 210					
• S 3 4	770 341 111	134	104	96	131	95
• V 3 4	770 341 211					
S 4 5	770 341 112	153	117	120	151	120
V 4 5	770 341 212					

344

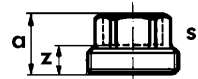
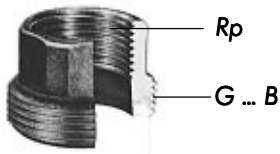
Union
taper seat



Dimension	Code	b	s ₁	s ₂	s ₃
S 1/4 374 »G« 5/8	770 344 102	69	18	28	15
V 1/4 5/8	770 344 202				
S 3/8 3/4	770 344 103	75	22	32	20
V 3/8 3/4	770 344 203				
S 1/2 1	770 344 104	85	26	39	25
V 1/2 1	770 344 204				
S 3/4 1 1/4	770 344 105	93	32	48	32
V 3/4 1 1/4	770 344 205				
S 1 1 1/2	770 344 106	103	38	55	38
V 1 1 1/2	770 344 206				
S 1 1/4 2	770 344 107	114	48	67	48
V 1 1/4 2	770 344 207				
S 1 1/2 2 1/4	770 344 108	123	54	74	54
V 1 1/2 2 1/4	770 344 208				
S 2 2 3/4	770 344 109	136	66	90	67
V 2 2 3/4	770 344 209				

370

Union bush

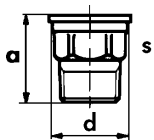
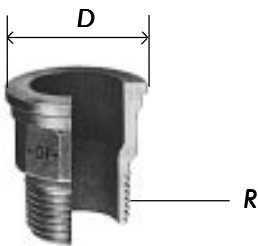


Dimension		Code	a	z	s	
S	$\frac{1}{4}$ Rp $\frac{5}{8}$ G	*	21	11	19	hexagon
V	$\frac{1}{4}$ Rp $\frac{5}{8}$ G	*				hexagon
S	$\frac{3}{8}$ Rp $\frac{3}{4}$ G	*	23	13	22	hexagon
V	$\frac{3}{8}$ Rp $\frac{3}{4}$ G	*				hexagon
S	$\frac{1}{2}$ Rp 1 G	770 370 119	25	12	26	hexagon
V	$\frac{1}{2}$ Rp 1 G	770 370 219				hexagon
S	$\frac{1}{2}$ s Rp $1\frac{1}{8}$ G	770 370 120	25	12	26	hexagon
V	$\frac{1}{2}$ s Rp $1\frac{1}{8}$ G	770 370 220				hexagon
S	$\frac{3}{4}$ Rp $1\frac{1}{4}$ G	770 370 105	28	13	32	hexagon
V	$\frac{3}{4}$ Rp $1\frac{1}{4}$ G	770 370 205				hexagon
S	1 Rp $1\frac{1}{2}$ G	770 370 106	31	14	38	hexagon
V	1 Rp $1\frac{1}{2}$ G	770 370 206				hexagon
S	$1\frac{1}{4}$ Rp 2 G	770 370 107	33	14	48	hexagon
V	$1\frac{1}{4}$ Rp 2 G	770 370 207				hexagon
S	$1\frac{1}{2}$ Rp $2\frac{1}{4}$ G	770 370 108	36	17	54	hexagon
V	$1\frac{1}{2}$ Rp $2\frac{1}{4}$ G	770 370 208				hexagon
S	2 Rp $2\frac{3}{4}$ G	770 370 109	42	18	66	hexagon
V	2 Rp $2\frac{3}{4}$ G	770 370 209				hexagon
S	$2\frac{1}{2}$ Rp $3\frac{1}{2}$ G	770 370 110	41	14	85	octagon
V	$2\frac{1}{2}$ Rp $3\frac{1}{2}$ G	770 370 210				octagon
S	3 Rp 4 G	770 370 111	48	18	96	octagon
V	3 Rp 4 G	770 370 211				octagon
S	4 Rp 5 G	*	62	26	122	octagon
V	4 Rp 5 G	*				octagon

* is not usually supplied as a separate piece

371

Union end



Dimension		Code	a	d	s	
S	$\frac{1}{4}$ R $\frac{5}{8}$ D to G of 374	*	32	18,1	15	hexagon
V	$\frac{1}{4}$ R $\frac{5}{8}$ D to G of 374	*				hexagon
S	$\frac{3}{8}$ R $\frac{3}{4}$ D to G of 374	*	34	21,6	19	octagon
V	$\frac{3}{8}$ R $\frac{3}{4}$ D to G of 374	*				octagon
S	$\frac{1}{2}$ R 1 D to G of 374	770 371 104	40	27,1	25	octagon
V	$\frac{1}{2}$ R 1 D to G of 374	770 371 204				octagon
S	$\frac{3}{4}$ R $1\frac{1}{4}$ D to G of 374	770 371 105	42	35,5	32	hexagon
V	$\frac{3}{4}$ R $1\frac{1}{4}$ D to G of 374	770 371 205				hexagon
S	1 R $1\frac{1}{2}$ D to G of 374	770 371 106	47	41	39	hexagon
V	1 R $1\frac{1}{2}$ D to G of 374	770 371 206				hexagon
S	$1\frac{1}{4}$ R 2 D to G of 374	770 371 107	55	52,5	48	hexagon
V	$1\frac{1}{4}$ R 2 D to G of 374	770 371 207				hexagon
S	$1\frac{1}{2}$ R $2\frac{1}{4}$ D to G of 374	770 371 108	57	58,5	54	hexagon
V	$1\frac{1}{2}$ R $2\frac{1}{4}$ D to G of 374	770 371 208				hexagon
S	2 R $2\frac{3}{4}$ D to G of 374	770 371 109	62	73,5	66	hexagon
V	2 R $2\frac{3}{4}$ D to G of 374	770 371 209				hexagon
S	$2\frac{1}{2}$ R $3\frac{1}{2}$ D to G of 374	770 371 110	75	91,9	85	octagon
V	$2\frac{1}{2}$ R $3\frac{1}{2}$ D to G of 374	770 371 210				octagon
S	3 R 4 D to G of 374	770 371 111	80	104,4	95	octagon
V	3 R 4 D to G of 374	770 371 211				octagon

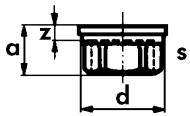
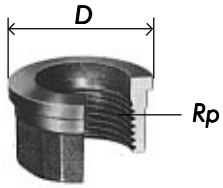
S	1 - $1\frac{1}{4}$ ** R $1\frac{1}{2}$ D to G of 374	770 371 115	47	41	39	round
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* is not usually supplied as a separate piece

** Union end for 374 1" d = 42.5

372

Union end



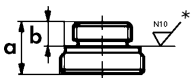
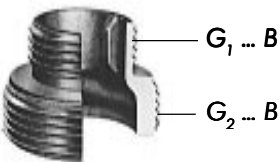
1 6-K. = Internal hexagon

* is not usually supplied as a separate piece

Dimension		Code	a	d	z	s	
equal	Rp D to G of 374						
	S 1/4 5/8	*	19	18,1	9	10	1 hex
	V 1/4 5/8	*					1 hex
	S 3/8 3/4	*	22	21,6	12	12	1 hex
	V 3/8 3/4	*					1 hex
	S 1/2 1	770 372 119	22	27,1	9	26	octagon
	V 1/2 1	770 372 219					octagon
	S 1/2 s 1 1/8	770 372 104	22	31,5	9	26	hexagon
	V 1/2 s 1 1/8	770 372 204					hexagon
	S 3/4 1 1/4	770 372 105	22	35,5	7	31	hexagon
	V 3/4 1 1/4	770 372 205					hexagon
	S 1 1 1/2	770 372 106	26	41	9	38	hexagon
	V 1 1 1/2	770 372 206					hexagon
	S 1 1/4 2	770 372 107	31	52,5	12	48	hexagon
	V 1 1/4 2	770 372 207					hexagon
	S 1 1/2 2 1/4	770 372 108	32,5	58,5	13,5	54	hexagon
	V 1 1/2 2 1/4	770 372 208					hexagon
	S 2 2 3/4	770 372 109	35	73,5	11	67	hexagon
V 2 2 3/4	770 372 209					hexagon	
S 2 1/2 3 1/2	770 372 110	39	91,9	12	85	octagon	
V 2 1/2 3 1/2	770 372 210					octagon	
S 3 4	770 372 111	45	104,4	15	96	octagon	
V 3 4	770 372 211					octagon	
S 4 5	*	46	128,7	10	122	octagon	
V 4 5	*					octagon	
reducing	Rp D to G of 374						
	S 1 - 3/4 1 1/2	770 372 115	25	41	10	31	hexagon
	V 1 - 3/4 1 1/2	770 372 215					hexagon
	S 1 1/4 - 3/4 2	770 372 133	30	52,5	15	32	hexagon
	V 1 1/4 - 3/4 2	770 372 233					hexagon
	S 1 1/4 - 1 2	770 372 116	30,5	52,5	13,5	38	hexagon
	V 1 1/4 - 1 2	770 372 216					hexagon
	S 1 1/2 - 1 1/4 2 1/4	770 372 134	31	58,5	12	48	hexagon
V 1 1/2 - 1 1/4 2 1/4	770 372 234					hexagon	

373

Union bush



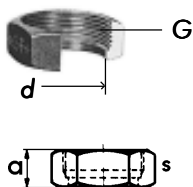
*sealing gaskets for this sealing surface as per table page 81 (catalogue no. 332, symbol ○)

Dimension		Code	a	b		
G ₁	G ₂					
V 1/2	1 ▲	770 373 204	23	10		
S 3/4	1 1/4	770 373 105	27	12		
V 3/4	1 1/4	770 373 205				
S 1	1 1/2	770 373 106	29	14		
V 1	1 1/2	770 373 206				
S 1 1/4	2	770 373 107	33	16		
V 1 1/4	2	770 373 207				

374

Union nut

ISO P1



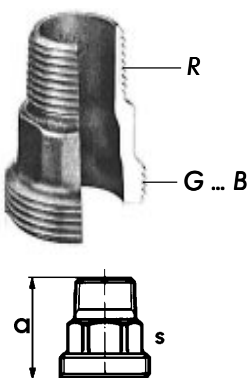
Dimension		Code	a	d	s	
S	1/8 1/2	*	15	16,1	26	hexagon
V	1/8 1/2	*				hexagon
S	1/4 s 5/8	*	16	18,5	28	hexagon
V	1/4 s 5/8	*				hexagon
S	1/4 3/4	770 374 116	15,5	22	32	hexagon
V	1/4 3/4	770 374 216				hexagon
S	3/8 3/4	770 374 116	16	22	32	hexagon
V	3/8 3/4	770 374 216				hexagon
S	3/8 s 7/8	770 374 118	17	25	36	hexagon
V	3/8 s 7/8	770 374 218				hexagon
S	1/2 1	770 374 119	18	27,5	39	hexagon
V	1/2 1	770 374 219				hexagon
S	1/2 s 1 1/8	770 374 120	19	32	44	hexagon
V	1/2 s 1 1/8	770 374 220				hexagon
S	3/4 1 1/4	770 374 105	20	36	48	hexagon
V	3/4 1 1/4	770 374 205				hexagon
S	3/4 d=34,4 1 1/4	770 374 135	20	34,4	48	hexagon
S	1 s 1 1/2	770 374 106	22	41,5	55	hexagon
V	1 s 1 1/2	770 374 206				hexagon
S	1 d=42,5 ** 1 1/2	770 960 180	22	41,5	55	octagon
S	1 d=42,5 ** 1 1/2	770 374 121	22	42,5	55	hexagon
S	1 1/4 2	770 374 107	24	53	67	hexagon
V	1 1/4 2	770 374 207				hexagon
S	1 1/2 2 1/4	770 374 108	25	59	74	hexagon
V	1 1/2 2 1/4	770 374 208				hexagon
S	2 2 3/4	770 374 109	27	74	90	hexagon
V	2 2 3/4	770 374 209				hexagon
S	2 1/2 3 1/2	770 374 110	30	92,5	111	octagon
V	2 1/2 3 1/2	770 374 210				octagon
S	3 4	770 374 111	31	105	131	octagon
V	3 4	770 374 211				octagon
S	4 5	*	34,5	129,5	151	octagon
V	4 5	*				octagon

* is not routinely supplied as a piece part

** union nut for 371 1-1 1/4"

376

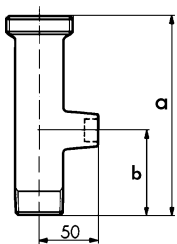
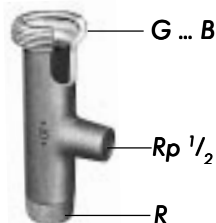
Union bush



Dimension		Code	a	s	
S	1/2 R 1	770 376 105	43	26	hexagon
V	1/2 R 1	770 376 205			hexagon
S	1/2 s 1 1/8	770 376 125	41,5	26	hexagon
V	1/2 s 1 1/8	770 376 225			hexagon
S	3/4 R 1 1/4	770 376 106	48	32	hexagon
V	3/4 R 1 1/4	770 376 206			hexagon
S	1 R 1 1/2	770 376 107	53,5	38	hexagon
V	1 R 1 1/2	770 376 207			hexagon
S	1 1/4 R 2	770 376 108	56,5	48	hexagon
V	1 1/4 R 2	770 376 208			hexagon
S	1 1/2 R 2 1/4	770 376 109	61	54	hexagon
V	1 1/2 R 2 1/4	770 376 209			hexagon

378

Distribution union bush



Dimension		Code	a	b		
R	G					
V 3/4	1 1/4	770 378 220	153	74		
V 1	1 1/2	770 378 221	146	67		
V 1 1/4	2	770 378 222	141	59		

380

Union bush taper seat

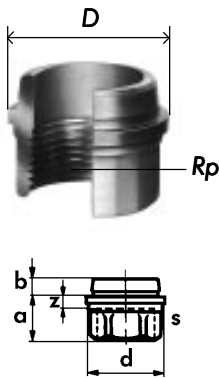


Dimension		Code	a	z	s	
Rp	G					
S 1/8	1/2	*	19	12	15	hexagon
V 1/8	1/2	*				hexagon
S 1/4	5/8	*	21	11	19	hexagon
V 1/4	5/8	*				hexagon
S 3/8	3/4	*	23	13	22	hexagon
V 3/8	3/4	*				hexagon
S 1/2	1	*	24	11	26	hexagon
V 1/2	1	*				hexagon
S 3/4	1 1/4	*	28	13	32	hexagon
V 3/4	1 1/4	*				hexagon
S 1	1 1/2	*	31	14	38	hexagon
V 1	1 1/2	*				hexagon
S 1 1/4	2	*	33	14	48	hexagon
V 1 1/4	2	*				hexagon
S 1 1/2	2 1/4	*	36	17	53	hexagon
V 1 1/2	2 1/4	*				hexagon
S 2	2 3/4	*	42	18	65	hexagon
V 2	2 3/4	*				hexagon
S 2 1/2	3 1/2	*	41	14	85	octagon
V 2 1/2	3 1/2	*				octagon
S 3	4	*	48	18	96	octagon
V 3	4	*				octagon
S 4	5	*	62	26	120	octagon
V 4	5	*				octagon

* is not usually supplied as a separate piece

381

Union end taper seat

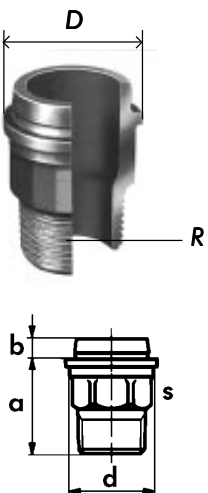


Dimension		Code	a	b	d	z	s	
S	$\frac{1}{8}$ $\frac{1}{2}$	*	17,5	6,5	15,8	10,5	15	hexagon
V	$\frac{1}{8}$ $\frac{1}{2}$	*						hexagon
S	$\frac{1}{4}$ $\frac{5}{8}$	*	20,5	6	18,1	10,5	10	hexagon
V	$\frac{1}{4}$ $\frac{5}{8}$	*						hexagon
S	$\frac{3}{8}$ $\frac{3}{4}$	*	22	6,5	21,6	12	12	hexagon
V	$\frac{3}{8}$ $\frac{3}{4}$	*						hexagon
S	$\frac{1}{2}$ 1	*	22,5	7,5	27,1	9,5	25	octagon
V	$\frac{1}{2}$ 1	*						octagon
S	$\frac{3}{4}$ $1\frac{1}{4}$	*	22,5	8	35,5	6,5	32	hexagon
V	$\frac{3}{4}$ $1\frac{1}{4}$	*						hexagon
S	1 $1\frac{1}{2}$	*	25,5	8,5	41	8,5	38	hexagon
V	1 $1\frac{1}{2}$	*						hexagon
S	$1\frac{1}{4}$ 2	*	31	9	52,5	12	48	hexagon
V	$1\frac{1}{4}$ 2	*						hexagon
S	$1\frac{1}{2}$ $2\frac{1}{4}$	*	33	9,5	58,5	14	54	hexagon
V	$1\frac{1}{2}$ $2\frac{1}{4}$	*						hexagon
S	2 $2\frac{3}{4}$	*	34,5	11,5	73,5	10,5	66	hexagon
V	2 $2\frac{3}{4}$	*						hexagon
S	$2\frac{1}{2}$ $3\frac{1}{2}$	*	42,5	13,5	91,9	15,5	85	octagon
V	$2\frac{1}{2}$ $3\frac{1}{2}$	*						octagon
S	3 4	*	45,5	14,5	104,4	15,5	96	octagon
V	3 4	*						octagon
S	4 5	*	46,5	15,5	128,7	10,5	120	octagon
V	4 5	*						octagon

* is not usually supplied as a separate piece

382

Union end Taper seat



Dimension		Code	a	b	d	z	s	
S	$\frac{1}{4}$ $\frac{5}{8}$	*	32	6	18,1		15	hexagon
V	$\frac{1}{4}$ $\frac{5}{8}$	*						hexagon
S	$\frac{3}{8}$ $\frac{3}{4}$	*	34	6,5	21,6		19	octagon
V	$\frac{3}{8}$ $\frac{3}{4}$	*						octagon
S	$\frac{1}{2}$ 1	*	40,5	7,5	27,1		25	octagon
V	$\frac{1}{2}$ 1	*						octagon
S	$\frac{3}{4}$ $1\frac{1}{4}$	*	42,5	8	35,5		32	hexagon
V	$\frac{3}{4}$ $1\frac{1}{4}$	*						hexagon
S	1 $1\frac{1}{2}$	*	47,5	8,5	41		38	hexagon
V	1 $1\frac{1}{2}$	*						hexagon
S	$1\frac{1}{4}$ 2	*	56	9	52,5		48	hexagon
V	$1\frac{1}{4}$ 2	*						hexagon
S	$1\frac{1}{2}$ $2\frac{1}{4}$	*	58	9,5	58,5		54	hexagon
V	$1\frac{1}{2}$ $2\frac{1}{4}$	*						hexagon
S	2 $2\frac{3}{4}$	*	62,5	11,5	73,5		67	hexagon
V	2 $2\frac{3}{4}$	*						hexagon
S	$2\frac{1}{2}$ $3\frac{1}{2}$	*	75,5	13,5	91,9		85	octagon
V	$2\frac{1}{2}$ $3\frac{1}{2}$	*						octagon
S	3 4	*	80,5	14,5	104,4		95	octagon
V	3 4	*						octagon
S	4 5	*	87	15,5	128,7		120	hexagon
V	4 5	*						hexagon

* is not usually supplied as a separate piece