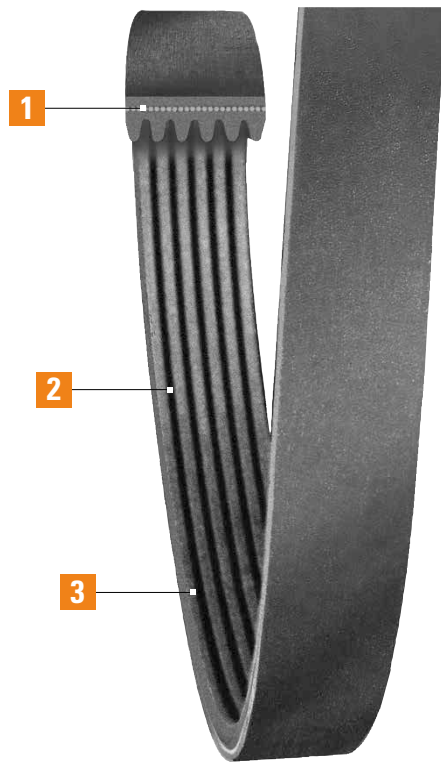


Vee-Rib™

V-Belt



1 Special, chemically treated polyester cord enhances belt stability.

2 Thin belt profile with smaller cord diameters for maximum flexibility at high speeds over small pulley diameters.

3 Molded rib construction yields better rib formation.

Vibration-free

Heat resistant

Maximum flexibility

High horsepower

Abrasion resistant

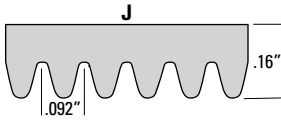
Applications:

Industrial dryers
Fitness equipment
Machine tools
High speed blowers
& More

Heavy Duty V-Belts

Vee-Rib™

V-Belt



Vee-Rib™ Belts are ideally suited for high speed drives where conventional v-belts cannot operate.



Our Vee-Rib™ belt is ideally suited for high speed and high drive ratio applications that conventional v-belts just can't handle. The Carlisle® Vee-Rib belt by Timken offers smooth, vibration-free performance in a single, compact drive belt.

Vee-Rib belts allow the design of compact, vibration-free drives that are resistant to heat and abrasion for longer belt life.



Vee-Rib™ V-Belt Part Numbers

Part Number Example: **140J2** = **140** **J** **2**
Effective Length (inches in tenths: 14.0") Cross Section Number of Ribs

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
2-Rib				
140J2	14.5	14	2	0.01
150J2	15.5	15	2	0.01
160J2	16.5	16	2	0.02
170J2	17.5	17	2	0.02
180J2	18.5	18	2	0.02
190J2	19.5	19	2	0.02
200J2	20.5	20	2	0.02
210J2	21.5	21	2	0.02
220J2	22.5	22	2	0.02
230J2	23.5	23	2	0.02
240J2	24.5	24	2	0.02
260J2	26.5	26	2	0.03
280J2	28.5	28	2	0.03
290J2	29.5	29	2	0.03
300J2	30.5	30	2	0.03
310J2	31.5	31	2	0.03
320J2	32.5	32	2	0.03
330J2	33.5	33	2	0.03
340J2	34.5	34	2	0.03
350J2	35.5	35	2	0.03
360J2	36.5	36	2	0.03
370J2	37.5	37	2	0.04
380J2	38.5	38	2	0.04
390J2	39.5	39	2	0.04
400J2	40.5	40	2	0.04
410J2	41.5	41	2	0.04
420J2	42.5	42	2	0.04
430J2	43.5	43	2	0.04
440J2	44.5	44	2	0.04
450J2	45.5	45	2	0.04
460J2	46.5	46	2	0.04
490J2	49.5	49	2	0.05
520J2	52.5	52	2	0.05

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
2-Rib				
530J2	53.5	53	2	0.05
540J2	54.5	54	2	0.05
550J2	55.5	55	2	0.05
580J2	58.5	58	2	0.11
610J2	61.5	61	2	0.06
650J2	65.5	65	2	0.06
690J2	69.5	69	2	0.07
730J2	73.5	73	2	0.07
770J2	77.5	77	2	0.07
820J2	82.5	82	2	0.08
840J2	84.5	84	2	0.08
890J2	89.5	89	2	0.09
920J2	92.5	92	2	0.09
940J2	94.5	94	2	0.09
970J2	97.5	97	2	0.09
980J2	98.5	98	2	0.10
3-Rib				
140J3	14.5	14	3	0.02
150J3	15.5	15	3	0.02
160J3	16.5	16	3	0.02
170J3	17.5	17	3	0.02
180J3	18.5	18	3	0.03
190J3	19.5	19	3	0.03
200J3	20.5	20	3	0.03
210J3	21.5	21	3	0.03
220J3	22.5	22	3	0.03
230J3	23.5	23	3	0.03
240J3	24.5	24	3	0.03
260J3	26.5	26	3	0.04
280J3	28.5	28	3	0.04
290J3	29.5	29	3	0.04
300J3	30.5	30	3	0.04

Vee-Rib™ V-Belt Part Numbers

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
3-Rib				
310J3	31.5	31	3	0.05
320J3	32.5	32	3	0.05
330J3	33.5	33	3	0.05
340J3	34.5	34	3	0.05
350J3	35.5	35	3	0.05
360J3	36.5	36	3	0.05
370J3	37.5	37	3	0.05
380J3	38.5	38	3	0.06
390J3	39.5	39	3	0.06
400J3	40.5	40	3	0.06
410J3	41.5	41	3	0.06
420J3	42.5	42	3	0.06
430J3	43.5	43	3	0.06
440J3	44.5	44	3	0.06
450J3	45.5	45	3	0.07
460J3	46.5	46	3	0.07
490J3	49.5	49	3	0.07
520J3	52.5	52	3	0.08
530J3	53.5	53	3	0.08
540J3	54.5	54	3	0.08
550J3	55.5	55	3	0.08
580J3	58.5	58	3	0.08
610J3	61.5	61	3	0.09
650J3	65.5	65	3	0.09
690J3	69.5	69	3	0.10
730J3	73.5	73	3	0.11
770J3	77.5	77	3	0.11
820J3	82.5	82	3	0.12
840J3	84.5	84	3	0.12
890J3	89.5	89	3	0.13
920J3	92.5	92	3	0.13
940J3	94.5	94	3	0.14
970J3	97.5	97	3	0.14

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
3-Rib				
980J3	98.5	98	3	0.14
4-Rib				
140J4	14.5	14	4	0.03
150J4	15.5	15	4	0.03
160J4	16.5	16	4	0.03
170J4	17.5	17	4	0.03
180J4	18.5	18	4	0.03
190J4	19.5	19	4	0.04
200J4	20.5	20	4	0.04
210J4	21.5	21	4	0.04
220J4	22.5	22	4	0.04
230J4	23.5	23	4	0.04
240J4	24.5	24	4	0.05
260J4	26.5	26	4	0.05
280J4	28.5	28	4	0.05
290J4	29.5	29	4	0.06
300J4	30.5	30	4	0.06
310J4	31.5	31	4	0.06
320J4	32.5	32	4	0.06
330J4	33.5	33	4	0.06
340J4	34.5	34	4	0.07
350J4	35.5	35	4	0.07
360J4	36.5	36	4	0.07
370J4	37.5	37	4	0.07
380J4	38.5	38	4	0.07
390J4	39.5	39	4	0.08
400J4	40.5	40	4	0.08
410J4	41.5	41	4	0.08
420J4	42.5	42	4	0.08
430J4	43.5	43	4	0.08
440J4	44.5	44	4	0.09
450J4	45.5	45	4	0.09

Vee-Rib™

V-Belt

Part Number Example: **440J4** = **440** **J** **4**
Effective Length (inches in tenths: 44.0") Cross Section Number of Ribs

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
4-Rib				
460J4	46.5	46	4	0.09
490J4	49.5	49	4	0.10
520J4	52.5	52	4	0.10
530J4	53.5	53	4	0.10
540J4	54.5	54	4	0.10
550J4	55.5	55	4	0.11
580J4	58.5	58	4	0.11
610J4	61.5	61	4	0.12
650J4	65.5	65	4	0.13
690J4	69.5	69	4	0.13
730J4	73.5	73	4	0.14
770J4	77.5	77	4	0.15
820J4	82.5	82	4	0.16
840J4	84.5	84	4	0.16
890J4	89.5	89	4	0.17
920J4	92.5	92	4	0.18
940J4	94.5	94	4	0.18
970J4	97.5	97	4	0.19
980J4	98.5	98	4	0.19
5-Rib				
140J5	14.5	14	5	0.03
150J5	15.5	15	5	0.04
160J5	16.5	16	5	0.04
170J5	17.5	17	5	0.04
180J5	18.5	18	5	0.04
190J5	19.5	19	5	0.05
200J5	20.5	20	5	0.05
210J5	21.5	21	5	0.05
220J5	22.5	22	5	0.05
230J5	23.5	23	5	0.06
240J5	24.5	24	5	0.06
260J5	26.5	26	5	0.06

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
5-Rib				
280J5	28.5	28	5	0.07
290J5	29.5	29	5	0.07
300J5	30.5	30	5	0.07
310J5	31.5	31	5	0.08
320J5	32.5	32	5	0.08
330J5	33.5	33	5	0.08
340J5	34.5	34	5	0.08
350J5	35.5	35	5	0.08
360J5	36.5	36	5	0.09
370J5	37.5	37	5	0.09
380J5	38.5	38	5	0.09
390J5	39.5	39	5	0.09
400J5	40.5	40	5	0.10
410J5	41.5	41	5	0.10
420J5	42.5	42	5	0.10
430J5	43.5	43	5	0.10
440J5	44.5	44	5	0.11
450J5	45.5	45	5	0.11
460J5	46.5	46	5	0.11
490J5	49.5	49	5	0.12
520J5	52.5	52	5	0.13
530J5	53.5	53	5	0.13
540J5	54.5	54	5	0.13
550J5	55.5	55	5	0.13
580J5	58.5	58	5	0.14
610J5	61.5	61	5	0.15
650J5	65.5	65	5	0.16
690J5	69.5	69	5	0.17
730J5	73.5	73	5	0.18
770J5	77.5	77	5	0.19
820J5	82.5	82	5	0.20
840J5	84.5	84	5	0.20
890J5	89.5	89	5	0.22

Heavy Duty V-Belts

Vee-Rib™ V-Belt Part Numbers

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
5-Rib				
920J5	92.5	92	5	0.22
940J5	94.5	94	5	0.23
970J5	97.5	97	5	0.24
980J5	98.5	98	5	0.24
6-Rib				
140J6	14.5	14	6	0.04
150J6	15.5	15	6	0.04
160J6	16.5	16	6	0.05
170J6	17.5	17	6	0.05
180J6	18.5	18	6	0.05
190J6	19.5	19	6	0.06
200J6	20.5	20	6	0.06
210J6	21.5	21	6	0.06
220J6	22.5	22	6	0.06
230J6	23.5	23	6	0.07
240J6	24.5	24	6	0.07
260J6	26.5	26	6	0.08
280J6	28.5	28	6	0.08
290J6	29.5	29	6	0.08
300J6	30.5	30	6	0.09
310J6	31.5	31	6	0.09
320J6	32.5	32	6	0.09
330J6	33.5	33	6	0.10
340J6	34.5	34	6	0.10
350J6	35.5	35	6	0.10
360J6	36.5	36	6	0.10
370J6	37.5	37	6	0.11
380J6	38.5	38	6	0.11
390J6	39.5	39	6	0.11
400J6	40.5	40	6	0.12
410J6	41.5	41	6	0.12
420J6	42.5	42	6	0.12

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
6-Rib				
430J6	43.5	43	6	0.13
440J6	44.5	44	6	0.13
450J6	45.5	45	6	0.13
460J6	46.5	46	6	0.13
490J6	49.5	49	6	0.14
520J6	52.5	52	6	0.15
530J6	53.5	53	6	0.15
540J6	54.5	54	6	0.16
550J6	55.5	55	6	0.16
580J6	58.5	58	6	0.17
610J6	61.5	61	6	0.18
650J6	65.5	65	6	0.19
690J6	69.5	69	6	0.20
730J6	73.5	73	6	0.21
770J6	77.5	77	6	0.22
820J6	82.5	82	6	0.24
840J6	84.5	84	6	0.24
890J6	89.5	89	6	0.26
920J6	92.5	92	6	0.27
940J6	94.5	94	6	0.27
970J6	97.5	97	6	0.28
980J6	98.5	98	6	0.29
8-Rib				
140J8	14.5	14	8	0.05
150J8	15.5	15	8	0.06
160J8	16.5	16	8	0.06
170J8	17.5	17	8	0.07
180J8	18.5	18	8	0.07
190J8	19.5	19	8	0.07
200J8	20.5	20	8	0.08
210J8	21.5	21	8	0.08
220J8	22.5	22	8	0.09

Vee-Rib™

V-Belt

Part Number Example: **240J8** = **240** **J** **8**
Effective Length (inches in tenths: 24.0") Cross Section Number of Ribs

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
8-Rib				
230J8	23.5	23	8	0.09
240J8	24.5	24	8	0.09
260J8	26.5	26	8	0.10
280J8	28.5	28	8	0.11
290J8	29.5	29	8	0.11
300J8	30.5	30	8	0.12
310J8	31.5	31	8	0.12
320J8	32.5	32	8	0.12
330J8	33.5	33	8	0.13
340J8	34.5	34	8	0.13
350J8	35.5	35	8	0.14
360J8	36.5	36	8	0.14
370J8	37.5	37	8	0.14
380J8	38.5	38	8	0.15
390J8	39.5	39	8	0.15
400J8	40.5	40	8	0.16
410J8	41.5	41	8	0.16
420J8	42.5	42	8	0.16
430J8	43.5	43	8	0.17
440J8	44.5	44	8	0.17
450J8	45.5	45	8	0.17
460J8	46.5	46	8	0.18
490J8	49.5	49	8	0.19
520J8	52.5	52	8	0.20
530J8	53.5	53	8	0.21
540J8	54.5	54	8	0.21
550J8	55.5	55	8	0.21
580J8	58.5	58	8	0.23
610J8	61.5	61	8	0.24
650J8	65.5	65	8	0.25
690J8	69.5	69	8	0.27
730J8	73.5	73	8	0.28
770J8	77.5	77	8	0.30

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
8-Rib				
820J8	82.5	82	8	0.32
840J8	84.5	84	8	0.33
890J8	89.5	89	8	0.35
920J8	92.5	92	8	0.36
940J8	94.5	94	8	0.36
970J8	97.5	97	8	0.38
980J8	98.5	98	8	0.38
10-Rib				
140J10	14.5	14	10	0.07
150J10	15.5	15	10	0.07
160J10	16.5	16	10	0.08
170J10	17.5	17	10	0.08
180J10	18.5	18	10	0.09
190J10	19.5	19	10	0.09
200J10	20.5	20	10	0.10
210J10	21.5	21	10	0.10
220J10	22.5	22	10	0.11
230J10	23.5	23	10	0.11
240J10	24.5	24	10	0.12
260J10	26.5	26	10	0.13
280J10	28.5	28	10	0.14
290J10	29.5	29	10	0.14
300J10	30.5	30	10	0.15
310J10	31.5	31	10	0.15
320J10	32.5	32	10	0.16
330J10	33.5	33	10	0.16
340J10	34.5	34	10	0.16
350J10	35.5	35	10	0.17
360J10	36.5	36	10	0.17
370J10	37.5	37	10	0.18
380J10	38.5	38	10	0.18
390J10	39.5	39	10	0.19

Heavy Duty V-Belts

Vee-Rib™ V-Belt Part Numbers

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
10-Rib				
400J10	40.5	40	10	0.19
410J10	41.5	41	10	0.20
420J10	42.5	42	10	0.20
430J10	43.5	43	10	0.21
440J10	44.5	44	10	0.21
450J10	45.5	45	10	0.22
460J10	46.5	46	10	0.22
490J10	49.5	49	10	0.24
520J10	52.5	52	10	0.25
530J10	53.5	53	10	0.26
540J10	54.5	54	10	0.26
550J10	55.5	55	10	0.27
580J10	58.5	58	10	0.28
610J10	61.5	61	10	0.30
650J10	65.5	65	10	0.32
690J10	69.5	69	10	0.33
730J10	73.5	73	10	0.35
770J10	77.5	77	10	0.37
820J10	82.5	82	10	0.40
840J10	84.5	84	10	0.41
920J10	92.5	92	10	0.45
940J10	94.5	94	10	0.46
970J10	97.5	97	10	0.47
980J10	98.5	98	10	0.48
16-Rib				
140J16	14.5	14	16	0.11
150J16	15.5	15	16	0.12
160J16	16.5	16	16	0.12
170J16	17.5	17	16	0.13
180J16	18.5	18	16	0.14
190J16	19.5	19	16	0.15
200J16	20.5	20	16	0.16

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
16-Rib				
210J16	21.5	21	16	0.16
220J16	22.5	22	16	0.17
230J16	23.5	23	16	0.18
240J16	24.5	24	16	0.19
260J16	26.5	26	16	0.20
280J16	28.5	28	16	0.22
290J16	29.5	29	16	0.23
300J16	30.5	30	16	0.23
310J16	31.5	31	16	0.24
320J16	32.5	32	16	0.25
330J16	33.5	33	16	0.26
340J16	34.5	34	16	0.26
350J16	35.5	35	16	0.27
360J16	36.5	36	16	0.28
370J16	37.5	37	16	0.29
380J16	38.5	38	16	0.29
390J16	39.5	39	16	0.30
400J16	40.5	40	16	0.31
410J16	41.5	41	16	0.32
420J16	42.5	42	16	0.33
430J16	43.5	43	16	0.33
440J16	44.5	44	16	0.34
450J16	45.5	45	16	0.35
460J16	46.5	46	16	0.36
490J16	49.5	49	16	0.38
520J16	52.5	52	16	0.40
530J16	53.5	53	16	0.41
540J16	54.5	54	16	0.42
550J16	55.5	55	16	0.43
580J16	58.5	58	16	0.45
610J16	61.5	61	16	0.47
650J16	65.5	65	16	0.50
690J16	69.5	69	16	0.54

Vee-Rib™

V-Belt

Part Number Example: **840J16** = **840** **J** **16**
Effective Length (inches in tenths: 84.0") Cross Section Number of Ribs

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
16-Rib				
730J16	73.5	73	16	0.57
770J16	77.5	77	16	0.60
820J16	82.5	82	16	0.64
840J16	84.5	84	16	0.65
920J16	92.5	92	16	0.71
940J16	94.5	94	16	0.73
970J16	97.5	97	16	0.75
980J16	98.5	98	16	0.76
24-Rib				
140J24	14.5	14	24	0.16
150J24	15.5	15	24	0.17
160J24	16.5	16	24	0.19
170J24	17.5	17	24	0.20
180J24	18.5	18	24	0.21
190J24	19.5	19	24	0.22
200J24	20.5	20	24	0.23
210J24	21.5	21	24	0.24
220J24	22.5	22	24	0.26
230J24	23.5	23	24	0.27
240J24	24.5	24	24	0.28
260J24	26.5	26	24	0.30
280J24	28.5	28	24	0.33
290J24	29.5	29	24	0.34
300J24	30.5	30	24	0.35
310J24	31.5	31	24	0.36
320J24	32.5	32	24	0.37
330J24	33.5	33	24	0.38
340J24	34.5	34	24	0.40
350J24	35.5	35	24	0.41
360J24	36.5	36	24	0.42
370J24	37.5	37	24	0.43
380J24	38.5	38	24	0.44

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
24-Rib				
390J24	39.5	39	24	0.45
400J24	40.5	40	24	0.47
410J24	41.5	41	24	0.48
420J24	42.5	42	24	0.49
430J24	43.5	43	24	0.50
440J24	44.5	44	24	0.51
450J24	45.5	45	24	0.52
460J24	46.5	46	24	0.54
490J24	49.5	49	24	0.57
520J24	52.5	52	24	0.61
530J24	53.5	53	24	0.62
540J24	54.5	54	24	0.63
550J24	55.5	55	24	0.64
580J24	58.5	58	24	0.68
610J24	61.5	61	24	0.71
650J24	65.5	65	24	0.76
690J24	69.5	69	24	0.80
730J24	73.5	73	24	0.85
770J24	77.5	77	24	0.90
820J24	82.5	82	24	0.95
840J24	84.5	84	24	0.98
920J24	92.5	92	24	1.07
940J24	94.5	94	24	1.09
970J24	97.5	97	24	1.13
980J24	98.5	98	24	1.14
30-Rib				
140J30	14.5	14	30	0.20
150J30	15.5	15	30	0.22
160J30	16.5	16	30	0.23
170J30	17.5	17	30	0.25
180J30	18.5	18	30	0.26
190J30	19.5	19	30	0.28

Heavy Duty V-Belts

Vee-Rib® V-Belt Part Numbers

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
30-Rib				
200J30	20.5	20	30	0.29
210J30	21.5	21	30	0.31
220J30	22.5	22	30	0.32
230J30	23.5	23	30	0.33
240J30	24.5	24	30	0.35
260J30	26.5	26	30	0.38
280J30	28.5	28	30	0.41
290J30	29.5	29	30	0.42
300J30	30.5	30	30	0.44
310J30	31.5	31	30	0.45
320J30	32.5	32	30	0.47
330J30	33.5	33	30	0.48
340J30	34.5	34	30	0.49
350J30	35.5	35	30	0.51
360J30	36.5	36	30	0.52
370J30	37.5	37	30	0.54
380J30	38.5	38	30	0.55
390J30	39.5	39	30	0.57
400J30	40.5	40	30	0.58
410J30	41.5	41	30	0.60
420J30	42.5	42	30	0.61
430J30	43.5	43	30	0.63
440J30	44.5	44	30	0.64
450J30	45.5	45	30	0.65
460J30	46.5	46	30	0.67
490J30	49.5	49	30	0.71
520J30	52.5	52	30	0.76
530J30	53.5	53	30	0.77
540J30	54.5	54	30	0.79
550J30	55.5	55	30	0.80
580J30	58.5	58	30	0.84
610J30	61.5	61	30	0.89
650J30	65.5	65	30	0.95

Part Number	Outside Circumference	Effective Length	Number of Ribs	Weight (lbs)
30-Rib				
690J30	69.5	69	30	1.00
730J30	73.5	73	30	1.06
770J30	77.5	77	30	1.12
820J30	82.5	82	30	1.19
840J30	84.5	84	30	1.22
920J30	92.5	92	30	1.34
970J30	97.5	97	30	1.41
980J30	98.5	98	30	1.43

Vee-Rib™ J Sleeve Part Numbers

- Full factory width sleeves
- Sleeve edges are trimmed prior to shipment
- Sleeves cannot be returned
- All sleeve weights are approximate

Timken maintains inventory of most Carlisle® sleeve sizes. Non-stock sizes will be indicated by an asterisk following the part number. Contact customer service for availability.

Part Number Example: **200J40** = **200** **J** **40**
Effective Length (inches in tenths: 20.0") Cross Section Number of Ribs

Minimum order quantity and/or extended lead times may apply.

Occasional production inconsistencies which may render a portion of the sleeve unusable can be present as a normal part of the production process.

Each sleeve is inspected to ensure that it contains 90% or more usable product. A full width sleeve with less than 10% unusable product is considered acceptable.

Part Number	Sleeve Width Ribs	Weight (lbs)
J Sleeves (40-Rib)		
200J40*	40	0.39
210J40*	40	0.41
220J40*	40	0.43
230J40*	40	0.45
240J40*	40	0.47
260J40*	40	0.50
270J40*	40	0.52
280J40*	40	0.54
290J40*	40	0.56
300J40*	40	0.58
310J40*	40	0.60
320J40*	40	0.62
330J40*	40	0.64
340J40*	40	0.66
350J40*	40	0.68
360J40*	40	0.70
370J40*	40	0.72
380J40*	40	0.74
390J40*	40	0.76
400J40*	40	0.78
410J40*	40	0.80
420J40*	40	0.81

Part Number	Sleeve Width Ribs	Weight (lbs)
J Sleeves (40-Rib)		
430J40*	40	0.83
440J40*	40	0.85
450J40*	40	0.87
460J40*	40	0.89
470J40*	40	0.91
480J40*	40	0.93
490J40*	40	0.95
500J40*	40	0.97
520J40*	40	1.01
530J40*	40	1.03
540J40*	40	1.05
550J40*	40	1.07
580J40*	40	1.13
610J40*	40	1.18
650J40*	40	1.26
690J40*	40	1.34
730J40*	40	1.42
770J40*	40	1.49
840J40*	40	1.63
920J40*	40	1.78
980J40*	40	1.90

*Non-stock item. Minimum order quantity and/or extended lead times may apply. Contact customer service for availability.