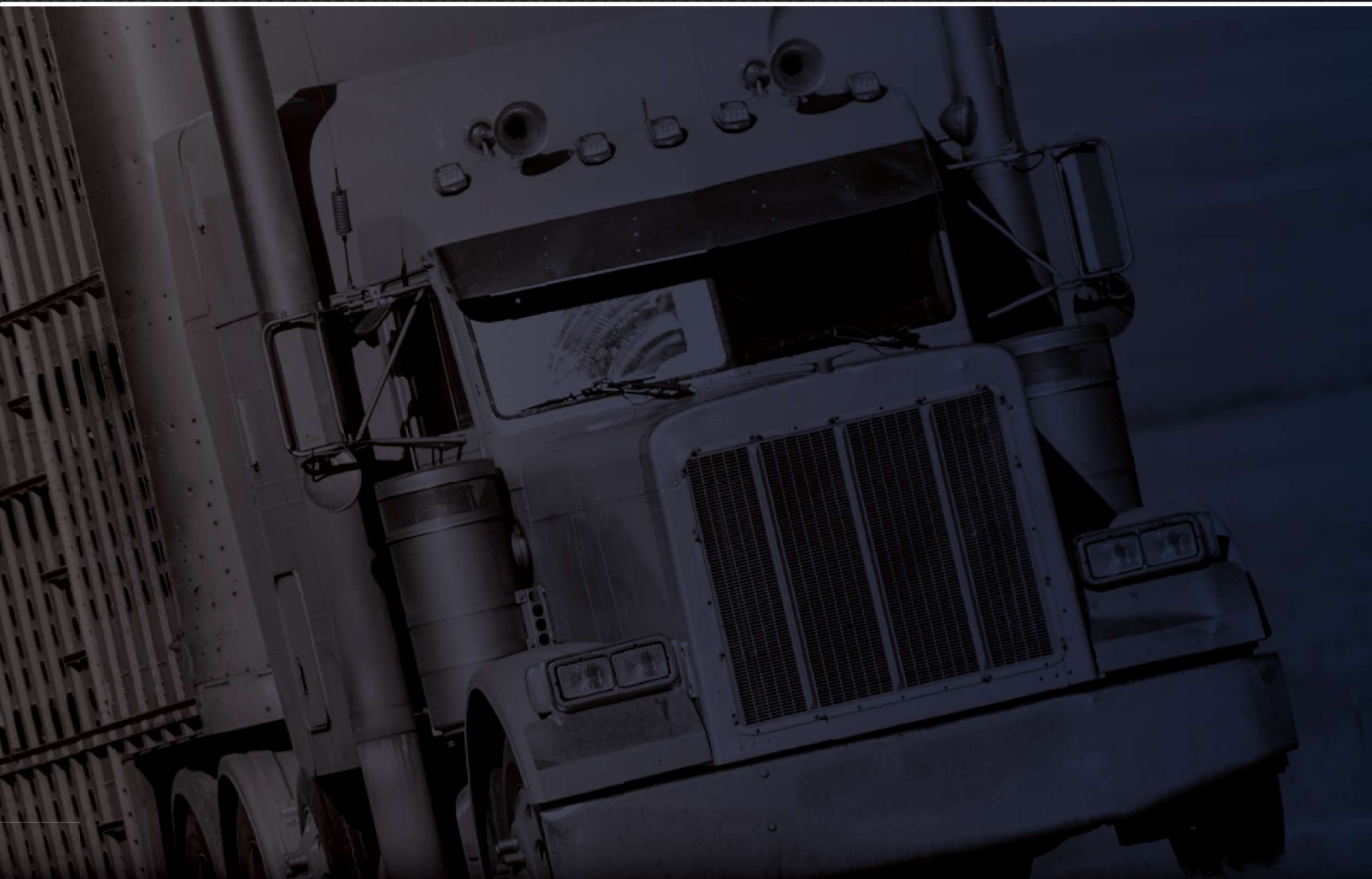


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Case

B & BT 3.9L 239 CID 4 Cyl. 8V Turbo and Non Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1348	Both	0.188	1.325	0.949	59 @ 2.000	180 @ 1.550	3900276
VS-1379	Both	0.188	1.321	0.945	78 @ 2.000	174 @ 1.650	3926700

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Springs

4B3.9 3.9L 239 CID 4 Cyl. 8V Turbo and Non Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1379	Both	0.188	1.321	0.945	78 @ 2.000	174 @ 1.650	3926700

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

4B3.9NA 3.9L 239 CID 4 Cyl. 8V Non Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1348	Both	0.188	1.325	0.949	59 @ 2.000	180 @ 1.550	3900276

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

6B5.9NA, 6B5.9TA & 6B5.9T 5.9L 359 CID 6 Cyl. 12V Turbo and Non Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1379	Both	0.188	1.321	0.945	78 @ 2.000	174 @ 1.650	3926700

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

B & BT 5.9L 359 CID 6 Cyl. 12V Turbo and Non Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1348	Both	0.188	1.325	0.949	59 @ 2.000	180 @ 1.550	3900276
VS-1379	Both	0.188	1.321	0.945	78 @ 2.000	174 @ 1.650	3926700

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Springs

LTA10 10.0L 611 CID 6 Cyl. 24V OHV Non Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1296	Outer	0.207	1.440	1.026	132 @ 2.589	230 @ 1.877	3033232
VS-1303	Inner	0.135	0.983	0.713	60 @ 2.308	100 @ 1.663	3033233

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

NTA 855/Series BC III 14.0L 855 CID 6 Cyl. 24V Non Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1177	Both	0.177	1.257	0.903	70 @ 2.250	154 @ 1.720	211999

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

CrSi = Chromium-Silicon Alloy Steel Wire

Caterpillar

3114 4.4L 268 CID 4 Cyl. 8V Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1451	Both	0.187	1.134	0.760	49 @ 2.593	193 @ 2.000	7C4273

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

3116 6.6L 403 CID 6 Cyl. 12V Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1451	Both	0.187	1.134	0.760	49 @ 2.593	193 @ 2.000	7C4273

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

3122 7.2L 442 CID 6 Cyl. 12V Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1451	Both	0.187	1.134	0.760	49 @ 2.593	193 @ 2.000	7C4273

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

3162B 7.2L 441 CID 6 Cyl. 18V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1453	Intake	0.182	1.126	0.762	68 @ 2.380	202 @ 1.830	140-6188
VS-1454	Exhaust	0.207	1.134	0.702	149 @ 3.160	325 @ 2.609	140-3039

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Springs

3176/C10 10.3L 629 CID 6 Cyl. 24V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1462	Inner	0.122	0.920	0.676	50 @ 1.800	104 @ 1.300	224-4441
VS-1463	Outer	0.182	1.336	0.972	90 @ 2.000	203 @ 1.425	332-2152

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

C11, C13A 11.1L 677 CID 6 Cyl. 24V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1462	Inner	0.122	0.920	0.676	50 @ 1.800	104 @ 1.300	224-4441
VS-1463	Outer	0.182	1.336	0.972	90 @ 2.000	203 @ 1.425	332-2152

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

CrSi = Chromium-Silicon Alloy Steel Wire

Caterpillar (continued)

3196/C12 12.0L 732 CID 6 Cyl. 24V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1462	Inner	0.122	0.920	0.676	50 @ 1.800	104 @ 1.300	224-4441
VS-1463	Outer	0.182	1.336	0.972	90 @ 2.000	203 @ 1.425	332-2152

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

C13ACERT 12.5L 763 CID 6 Cyl. 24V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1462	Inner	0.122	0.920	0.676	50 @ 1.800	104 @ 1.300	224-4441
VS-1463	Outer	0.182	1.336	0.972	90 @ 2.000	203 @ 1.425	332-2152

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

D339 13.6L 831 CID 4 Cyl. 8V Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1196	Inner	0.125	1.132	0.882	20 @ 1.791	51 @ 1.187	9M5349
VS-1197	Outer	0.218	1.717	1.281	65 @ 2.219	176 @ 1.614	9M5350

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

3406/3406B/3406C 14.6L 893 CID 6 Cyl. 24V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1207	Inner	0.125	0.989	0.737	40 @ 1.978	77 @ 1.417	4W2472
VS-1213	Outer	0.201	1.471	1.069	55 @ 2.098	180 @ 1.531	4W2471

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

3406E 14.6L 893 CID 6 Cyl. 24V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1464	Inner	0.125	0.991	0.739	34 @ 2.368	90 @ 1.732	211-3122
VS-1575	Outer	0.192	1.439	1.055	80 @ 2.643	210 @ 2.008	247-9908

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

3406/3406B/3406C/G3406 14.6L 893 CID 6 Cyl. 12V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1184	Both	0.188	1.243	0.866	78 @ 2.200	183 @ 1.799	4N5906

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

CrSi = Chromium-Silicon Alloy Steel Wire

Caterpillar (continued)

C15 15.2L 928 CID 6 Cyl. 48V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1464	Inner	0.125	0.991	0.739	34 @ 2.368	90 @ 1.732	211-3122
VS-1575	Outer	0.192	1.439	1.055	80 @ 2.643	210 @ 2.008	247-9908

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

C16/3456 15.8L 964 CID 6 Cyl. 48V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1464	Inner	0.125	0.991	0.739	34 @ 2.368	90 @ 1.732	211-3122
VS-1575	Outer	0.192	1.439	1.055	80 @ 2.643	210 @ 2.008	247-9908

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

3408/3408C/G3408 18.0L 1099 CID 8 Cyl. 32V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1184	Both	0.188	1.243	0.866	78 @ 2.200	183 @ 1.799	4N5906

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

3408/3408C 18.0L 1099 CID 8 Cyl. 32V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1207	Inner	0.125	0.989	0.737	40 @ 1.978	77 @ 1.417	4W2472
VS-1213	Outer	0.201	1.471	1.069	55 @ 2.098	180 @ 1.531	4W2471

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

C3408E 18.0L 1099 CID 8 Cyl. 32V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1464	Inner	0.125	0.991	0.739	34 @ 2.368	90 @ 1.732	211-3122
VS-1575	Outer	0.192	1.439	1.055	80 @ 2.643	210 @ 2.008	247-9908

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

C18 ACERT 18.1L 1106 CID 6 Cyl. 48V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1464	Inner	0.125	0.991	0.739	34 @ 2.368	90 @ 1.732	211-3122
VS-1575	Outer	0.192	1.439	1.055	80 @ 2.643	210 @ 2.008	247-9908

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

CrSi = Chromium-Silicon Alloy Steel Wire

Caterpillar (continued)

D8/D342 20.4L 1246 CID 6 Cyl. 12V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1196	Inner	0.125	1.132	0.882	20 @ 1.791	51 @ 1.187	9M5349
VS-1197	Outer	0.218	1.717	1.281	65 @ 2.219	176 @ 1.614	9M5350

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

D9/D353 24.1L 1473 CID 6 Cyl. 12V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1196	Inner	0.125	1.132	0.882	20 @ 1.791	51 @ 1.187	9M5349
VS-1197	Outer	0.218	1.717	1.281	65 @ 2.219	176 @ 1.614	9M5350

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

3412/3412C 27.0L 1649 CID 12 Cyl. 48V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1184	Both	0.188	1.243	0.866	78 @ 2.200	183 @ 1.799	4N5906

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

3412/3412C 27.0L 1649 CID 12 Cyl. 48V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1207	Inner	0.125	0.989	0.737	40 @ 1.978	77 @ 1.417	4W2472
VS-1213	Outer	0.201	1.471	1.069	55 @ 2.098	180 @ 1.531	4W2471

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

C27/3412E 27.0L 1648 CID 12 Cyl. 48V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1464	Inner	0.125	0.991	0.739	34 @ 2.368	90 @ 1.732	211-3122
VS-1575	Outer	0.192	1.439	1.055	80 @ 2.643	210 @ 2.008	247-9908

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

D364/D375 27.2L 1662 CID 8 Cyl. 16V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1196	Inner	0.125	1.132	0.882	20 @ 1.791	51 @ 1.187	9M5349
VS-1197	Outer	0.218	1.717	1.281	65 @ 2.219	176 @ 1.614	9M5350

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

CrSi = Chromium-Silicon Alloy Steel Wire

Caterpillar (continued)

C32 32.1L 1959 CID 12 Cyl. 48V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1464	Inner	0.125	0.991	0.739	34 @ 2.368	90 @ 1.732	211-3122
VS-1575	Outer	0.192	1.439	1.055	80 @ 2.643	210 @ 2.008	247-9908

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

D379/G379 32.3L 1964 CID 8 Cyl. 16V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1196	Inner	0.125	1.132	0.882	20 @ 1.791	51 @ 1.187	9M5349
VS-1197	Outer	0.218	1.717	1.281	65 @ 2.219	176 @ 1.614	9M5350

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

3508B 34.5L 2107 CID 8 Cyl. 32V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1460	Inner	0.142	1.216	0.932	48 @ 1.800	104 @ 1.230	194-4902
VS-1461	Outer	0.218	1.720	1.284	102 @ 2.500	197 @ 2.000	316-5976

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

D386/G397 41.0L 2493 CID 12 Cyl. 24V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1196	Inner	0.125	1.132	0.882	20 @ 1.791	51 @ 1.187	9M5349
VS-1197	Outer	0.218	1.717	1.281	65 @ 2.219	176 @ 1.614	9M5350

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

D398/G398 48.3L 2946 CID 12 Cyl. 24V Diesel/Natural Gas

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1196	Inner	0.125	1.132	0.882	20 @ 1.791	51 @ 1.187	9M5349
VS-1197	Outer	0.218	1.717	1.281	65 @ 2.219	176 @ 1.614	9M5350

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

3512B 51.8L 3160 CID 12 Cyl. 48V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1460	Inner	0.142	1.216	0.932	48 @ 1.800	104 @ 1.230	194-4902
VS-1461	Outer	0.218	1.720	1.284	102 @ 2.500	197 @ 2.000	316-5976

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

CrSi = Chromium-Silicon Alloy Steel Wire

Caterpillar (continued)

D399/G399 64.4L 3928 CID 16 Cyl. 32V Diesel/Natural Gas

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1196	Inner	0.125	1.132	0.882	20 @ 1.791	51 @ 1.187	9M5349
VS-1197	Outer	0.218	1.717	1.281	65 @ 2.219	176 @ 1.614	9M5350

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

3516B 69.0L 4210 CID 16 Cyl. 64V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1460	Inner	0.142	1.216	0.932	48 @ 1.800	104 @ 1.230	194-4902
VS-1461	Outer	0.218	1.720	1.284	102 @ 2.500	197 @ 2.000	316-5976

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

G3520C/G3520E 86.3L 5266 CID 20 Cyl. 80V Gas/Natural Gas

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1460	Inner	0.142	1.216	0.932	48 @ 1.800	104 @ 1.230	194-4902
VS-1461	Outer	0.218	1.720	1.284	102 @ 2.500	197 @ 2.000	316-5976

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

3524B 117.0L 7143 CID 24 Cyl. 96V Turbo Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1460	Inner	0.142	1.216	0.932	48 @ 1.800	104 @ 1.230	194-4902
VS-1461	Outer	0.218	1.720	1.284	102 @ 2.500	197 @ 2.000	316-5976

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

Cummins

4B/4BT 3.9L 239 CID 4 Cyl. 8V Turbo and Non Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1379	Both	0.188	1.321	0.945	78 @ 2.000	174 @ 1.650	3926700

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

5.9L 359 CID 6 Cyl. 12V Turbo 1989-1996

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1348	Both	0.188	1.325	0.949	59 @ 2.000	180 @ 1.550	3900276

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

CrSi = Chromium-Silicon Alloy Steel Wire

Cummins (continued)

6B/6BT 5.9L 359 CID 6 Cyl. 12V Turbo and Non Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1379	Both	0.188	1.321	0.945	78 @ 2.000	174 @ 1.650	3926700

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

5.9L 359 CID 6 Cyl. 24V Turbo 1998-2007

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1484	Both	0.130	1.084	0.744	76 @ 1.390	150 @ 1.060	4936080

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

6.7L 408 CID 6 Cyl. 24V Turbo 2007-2018

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1484	Both	0.130	1.084	0.744	76 @ 1.390	150 @ 1.060	4936080

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

6CT/6CTA/C6 8.3L 505 CID 6 Cyl. 12V OHV Non Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1592	Both	0.188	1.386	1.010	101 @ 2.000	207 @ 1.492	5292625

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

L10/LTA10 10.0L 611 CID 6 Cyl. 24V OHV Turbo and Non Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1296	Outer	0.207	1.440	1.026	132 @ 2.589	230 @ 1.877	3033232
VS-1303	Inner	0.135	0.983	0.713	60 @ 2.308	100 @ 1.663	3033233

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

L10 10.0L 611 CID 6 Cyl. 24V Turbo

M11 11.0L 671 CID 6 Cyl. 24V Turbo

ISM 11.0L 659 CID 6 Cyl. 24V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1414	Both	0.207	1.194	0.780	190 @ 3.338	339 @ 2.815	3895860

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

Cummins (continued)

ISX11.9/12 11.9L 726 CID 6 Cyl. 24V Turbo
ISZ13/QSZ13 12.9L 791 CID 6 Cyl. 24V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1479	Both	0.218	1.393	0.957	94 @ 3.464	324 @ 2.535	4965891

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

NH/NT 14.0L 855 CID 6 Cyl. 24V Turbo
NH/NT 14.0L 855 CID 6 Cyl. 24V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1177	Both	0.177	1.257	0.903	70 @ 2.250	154 @ 1.720	211999
VS-1332	Both	0.207	1.500	1.086	89 @ 2.240	217 @ 1.670	3081212

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

N14 14.0L 855 CID 6Cyl. 24V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-2487	Both	0.207	1.383	0.969	120 @ 2.810	255 @ 2.210	4936080

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

ISX15/QSX15/X15 14.9L 912 CID 6 Cyl. 24V Turbo
ISX/QSX/Signature 60 15.0L 915 CID 6 Cyl. 24V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1479	Both	0.218	1.393	0.957	94 @ 3.464	324 @ 2.535	4965891

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

V12/V28 28.0L 1710 CID 12 Cyl. 48V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1177	Both	0.177	1.257	0.903	70 @ 2.250	154 @ 1.720	211999

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

Detroit Diesel

71 Series 4.7L 284 CID 16 Cyl. 64V Turbo
92 Series 18.1L 1104 CID 16 Cyl. 64V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1186	Both	0.148	0.951	0.665	35 @ 1.800	115 @ 1.397	575GC213

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

CrSi = Chromium-Silicon Alloy Steel Wire

Detroit Diesel (continued)

50 Series 8.5L 519 CID 8 Cyl. 16V Turbo
 60 Series 11.1L 677 CID 6 Cyl. 24V Turbo
 60 Series 12.7L 775 CID 6 Cyl. 24V Turbo
 60 Series 14.0L 858 CID 6 Cyl. 24V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1418	Both	0.200	1.153	0.753	103 @ 2.608	275 @ 2.165	8929415

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

60 Series 14.0L 858 CID 16 Cyl. 24V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1486	Both	0.170	1.190	0.766	50 @ 3.006	241 @ 2.236	23535122

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

DD13 12.8L 781 CID 6 Cyl. 24V DOHC
 DD15 14.8L 906 CID 6 Cyl. 24V DOHC
 DD16 15.6L 952 CID 6 Cyl. 24V DOHC

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1636	Both	0.177	1.109	0.755	81 @ 3.400	241 @ 2.450	A4720530420

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

International (Tractor)

530E/530P 8.7L 530 CID 6 Cyl. 12V (Mechanical & HEUI Injection)

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1416	Intake	0.207	1.477	1.063	83 @ 2.008	215 @ 1.496	677349C1
VS-1417	Exhaust	0.207	1.482	1.068	145 @ 1.980	262 @ 1.530	1825540C1

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

IHC

DT408 6.7L 408 CID 6 Cyl. 12V
 DT466/DT466P 7.6L 466 CID 6 Cyl. 12V (Mechanical & HEUI Injection)
 530E/530P 8.7L 530 CID 6 Cyl. 12V (Mechanical & HEUI Injection)

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1416	Intake	0.207	1.477	1.063	83 @ 2.008	215 @ 1.496	677349C1
VS-1417	Exhaust	0.207	1.482	1.068	145 @ 1.980	262 @ 1.530	1825540C1

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

CrSi = Chromium-Silicon Alloy Steel Wire

** Always consult catalog listings for detailed application information**

IHC (continued)

IHND360/DT360 5.9L 360 CID 6 Cyl. 12V Turbo
D414/DT414 6.8L 414 CID 6 Cyl. 12V Turbo
D436/DT436 7.1L 436 CID 6 Cyl. 12V Turbo
D466/DTA466/DTA466C/DTI466B 7.6L 466 CID 6 Cyl. 12V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1190	Both	0.192	1.455	1.071	93 @ 1.900	200 @ 1.400	682064C1

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

Komatsu

KOM855T 14.0L 855 CID 6 Cyl. 24V Turbo

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1177	Both	0.177	1.257	0.903	70 @ 2.250	154 @ 1.720	211999
VS-1332	Both	0.207	1.500	1.086	89 @ 2.240	217 @ 1.670	3081212

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

Kubota

V1702/V1702B 1.7L 106 CID 4 Cyl. 8V Diesel
V1902/V1902B 1.9L 114 CID 4 Cyl. 8V Diesel
V2003 2.0L 122 CID 4 Cyl. 8V Turbo Diesel
V2203/V2203B 2.2L 134 CID 4 Cyl. 8V Diesel
V3300 3.3L 202 CID 4 Cyl. 12V Diesel
V3800 3.8L 230 CID 4 Cyl. 12V Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1493	Both	0.135	1.239	0.969	16 @ 1.485	75 @ 0.937	15221-13240

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

Mack

MP7 11.0L 659 CID 6 Cyl. 24V Diesel
MP8 12.8L 780 CID 6 Cyl. 24V Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1619	Inner	0.142	0.953	0.669	71 @ 2.200	156 @ 1.550	3183211
VS-1620	Outer	0.197	1.375	0.981	130 @ 2.350	294 @ 1.700	3183210

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

CrSi = Chromium-Silicon Alloy Steel Wire

Mack (continued)

E6350 11.0L 672 CID 6 Cyl. 24V Turbo Diesel
 E9/EM9 11.6L 707 CID 6 Cyl. 12V Diesel
 E7-4 12.0L 728 CID 6 Cyl. 24V Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1189	Both	0.177	1.410	1.056	117 @ 1.850	160 @ 1.530	575GC213

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

E7-ETECH/ASET, E7-4 12.0L 728 CID 6 Cyl. 24V Diesel

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1466	Inner	0.118	1.044	0.808	17 @ 2.500	54 @ 1.700	575GC1115
VS-1624	Outer	0.182	1.420	1.056	105 @ 2.150	206 @ 1.500	575GC36

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Single Spring

Volvo

D11 10.8L 661 CID 6 Cyl. 24V Diesel
 D12 12.1L 740 CID 6 Cyl. 24V Diesel
 D13

Spring Number	Position	Wire Diameter	Outside Diameter	Inside Diameter	Installed Load & Height	Open Load & Height	OE #
		inch	inch	inch	lbs. inch	lbs. inch	
VS-1619	Inner	0.142	0.953	0.669	71 @ 2.200	156 @ 1.550	3183211
VS-1620	Outer	0.197	1.375	0.981	130 @ 2.350	294 @ 1.700	3183210

Qty per box: 4 pieces - minimum order qty: 4 pieces • Material - CrSi

Dual Spring

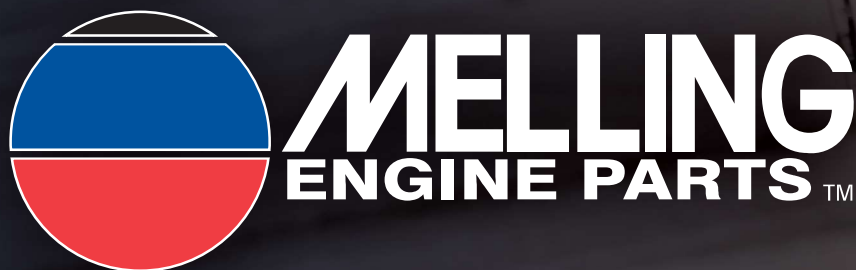


HEAVY DUTY VALVE SPRINGS • LISTED BY OUTSIDE DIAMETER

Spring Number	Outside Diameter		Inside Diameter		Installed Height/Pressure			Open Height/Pressure			Coil Bind	
	inch	mm	inch	mm	inch	mm	PSI	inch	mm	PSI	inch	mm
VS-1462	0.920	23.37	0.676	17.17	1.800	45.72	50	1.300	33.02	104	1.220	31.00
VS-1186	0.951	24.16	0.655	16.64	1.800	35.00	35	1.397	35.48	115	1.307	33.20
VS-1619	0.953	24.21	0.669	16.99	2.200	55.90	71	1.550	39.40	156	1.431	36.36
VS-1303	0.983	24.97	0.713	18.11	2.308	58.60	60	1.783	45.30	100	1.663	42.24
VS-1207	0.989	25.12	0.737	18.72	1.978	50.20	40	1.417	35.99	77	1.331	33.81
VS-1464	0.991	25.17	0.739	18.77	2.368	60.20	34	1.732	43.99	90	1.339	34.00
VS-1466	1.044	26.52	0.808	20.52	2.500	63.50	17	1.700	43.20	54	1.181	30.00
VS-1484	1.084	27.53	0.744	18.90	1.390	35.30	76	1.060	26.92	150	0.900	22.86
VS-1636	1.109	28.16	0.755	19.17	3.400	86.36	81	2.450	62.23	241	2.350	59.69
VS-1453	1.126	28.60	0.762	19.35	2.380	60.50	68	1.830	46.50	202	1.695	43.05
VS-1196	1.132	28.75	0.882	22.40	1.791	45.50	20	1.187	30.15	51	1.082	27.48
VS-1454	1.134	28.80	0.702	18.29	3.160	80.30	149	2.609	66.30	325	2.482	63.05
VS-1451	1.134	28.75	0.760	19.30	2.593	65.90	49	2.000	50.80	193	1.895	48.14
VS-1418	1.153	29.28	0.753	19.13	2.608	66.20	103	2.165	54.99	275	1.841	46.75
VS-1486	1.190	30.23	0.766	19.46	3.006	76.35	50	2.236	56.79	241	2.057	52.24
VS-1414	1.194	30.33	0.780	19.81	3.338	87.78	190	2.815	71.50	339	2.639	67.03
VS-1460	1.216	30.89	0.932	23.67	1.800	45.70	48	1.230	31.24	104	1.102	28.00
VS-1493	1.239	31.47	0.969	24.61	1.485	37.70	16	0.937	23.80	75	0.664	16.86
VS-1184	1.243	31.56	0.866	22.00	2.200	55.90	78	1.799	45.70	183	1.575	40.00
VS-1177	1.257	31.94	0.903	22.94	2.250	57.20	70	1.720	43.70	154	1.575	40.00
VS-1379	1.321	33.56	0.945	24.00	2.000	50.80	78	1.650	41.91	174	1.339	34.00
VS-1348	1.325	33.66	0.949	24.10	2.000	50.80	59	1.550	39.37	180	1.299	33.00
VS-1463	1.336	33.93	0.972	24.69	2.000	50.80	90	1.425	36.88	203	1.227	32.43
VS-1620	1.375	34.93	0.981	24.92	2.350	59.70	130	1.700	43.20	294	1.457	37.01
VS-2487	1.383	35.13	0.969	24.61	2.810	71.40	120	2.210	56.13	255	2.047	52.00
VS-1592	1.386	35.21	1.010	25.65	2.000	50.80	101	1.492	37.90	207	1.358	34.50
VS-1479	1.393	35.38	0.957	24.31	3.464	87.98	94	2.535	64.39	324	2.275	57.79
VS-1189	1.410	35.81	1.056	26.82	1.850	47.00	117	1.530	38.90	160	1.418	36.01
VS-1624	1.420	36.07	1.056	26.82	2.150	54.60	105	1.500	38.10	206	1.378	35.00
VS-1575	1.439	36.54	1.055	26.80	2.643	67.10	80	2.008	51.00	210	1.417	36.00
VS-1296	1.440	36.58	1.026	26.06	2.589	65.80	132	2.073	52.70	230	1.877	47.68
VS-1190	1.455	36.96	1.071	27.70	1.900	48.26	93	1.400	35.60	200	1.220	31.00
VS-1213	1.471	37.36	1.069	27.15	2.098	53.30	55	1.531	38.89	180	1.476	37.50
VS-1416	1.477	37.52	1.063	27.00	2.008	51.00	83	1.496	38.00	215	1.358	34.50
VS-1417	1.482	37.65	1.068	27.13	1.980	50.30	145	1.530	38.86	262	1.358	34.50
VS-1332	1.500	38.10	1.086	27.58	2.240	56.90	89	1.670	42.40	217	1.516	38.50
VS-1197	1.717	43.61	1.281	32.54	2.219	56.40	65	1.614	41.00	176	1.493	37.93
VS-1461	1.720	43.69	1.284	32.61	2.500	63.50	102	2.000	50.80	197	1.535	39.00



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