



**Specification**

- Clamp body, compression piece and adjustable holders  
Tempered steel  
Galvanized finish
- Stud bolt DIN 6379  
Tempered steel
- Washer DIN 6340  
Tempered steel
- Nut DIN 6330B  
Tempered steel
- **RoHS compliant**

**Information**

No. 6312 VS crocodile clamps are infinitely adjustable, easily expanded for every clamping height. They are used for a variety of clamping applications including those using T-grooves and threaded holes.

Compression piece and adjustable holders are connected permanently to the clamp body, so the crocodile clamp can be used quickly.

The clamp body is equipped with two varied clamping surfaces and can be easily turned to use one side or the other. Due to the fully assembled construction, this makes for easy set-up and handling on equipment.

Crocodile clamps are especially suitable for use on injection molding machines and various presses.

see also...

- *Support Extensions NO. 6312 S*

<p>How to order</p> <p><b>NO.6312VS-B13-M12-100</b></p>	1	Bore d
	2	Thread (Clamping stud)
	3	Length

1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4

**Metric table**

1 2 3

Dimensions in: millimeters - inches

d Bore	Thread	Length	Support extension 6312 S**	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	h <sub>5</sub>	b <sub>1</sub>	b <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	Max. clamping force F*
B 13	M 12	100 3.94	-	27 1.06	17 .67	12 .47	0-30	18	44 1.73	30 1.18	115 4.53	11 .43	25 .98	30 1.18	30 kN 6744 lbf
B 13	M 12	125 4.92	-	27 1.06	17 .67	12 .47	0-55	18	44 1.73	30 1.18	115 4.53	11 .43	25 .98	30 1.18	30 kN 6744 lbf
B 17	M 12	125 4.92	-	36 1.42	21 .83	17 .67	0-50	20	55 2.17	41 1.61	150 5.91	12 .47	35 1.38	36 1.42	40 kN 8992 lbf
B 17	M 12	160 6.30	-	36 1.42	21 .83	17 .67	0-70	20	55 2.17	41 1.61	150 5.91	12 .47	35 1.38	36 1.42	40 kN 8992 lbf
B 17	M 16	125 4.92	-	36 1.42	21 .83	17 .67	0-70	20	55 2.17	41 1.61	150 5.91	12 .47	35 1.38	36 1.42	40 kN 8992 lbf
B 17	M 16	160 6.30	-	36 1.42	21 .83	17 .67	0-70	20	55 2.17	41 1.61	150 5.91	12 .47	35 1.38	36 1.42	40 kN 8992 lbf
B 21	M 20	160 6.30	-	42 1.65	27 1.06	20 .79	0-40	30	62 2.44	30 1.18	187 7.36	14 .55	44 1.73	44 1.73	60 kN 13489 lbf
B 21	M 20	200 7.87	-	42 1.65	27 1.06	20 .79	0-80	30	62 2.44	30 1.18	187 7.36	14 .55	44 1.73	44 1.73	60 kN 13489 lbf
B 25	M 20	200 7.87	-	51 2.01	34 1.34	24 .94	0-70	31	70 2.76	30 1.18	235 9.25	17 .67	60 2.36	47 1.85	75 kN 16861 lbf
B 25	M 20	250 9.84	-	51 2.01	34 1.34	24 .94	0-100	31	70 2.76	30 1.18	235 9.25	17 .67	60 2.36	47 1.85	75 kN 16861 lbf
B 25	M 24	200 7.87	-	51 2.01	34 1.34	24 .94	0-70	31	70 2.76	30 1.18	235 9.25	17 .67	60 2.36	47 1.85	75 kN 16861 lbf
B 25	M 24	250 9.84	-	51 2.01	34 1.34	24 .94	0-100	31	70 2.76	30 1.18	235 9.25	17 .67	60 2.36	47 1.85	75 kN 16861 lbf
B 21	M 20	250 9.84	M16 x 55	42 1.65	27 1.06	20 .79	30-141	63-91	62 2.44	30 1.18	187 7.36	63 2.48	44 1.73	44 1.73	60 kN 13489 lbf
B 21	M 20	315 12.40	M16 x 90	42 1.65	27 1.06	20 .79	40-190	63-123	62 2.44	30 1.18	187 7.36	63 2.48	44 1.73	44 1.73	60 kN 13489 lbf
B 25	M 20	315 12.40	M20 x 69	51 2.01	34 1.34	24 .94	50-175	72-108	70 2.76	30 1.18	235 9.25	72 2.83	60 2.36	47 1.85	75 kN 16861 lbf
B 25	M 20	400 15.75	M20 x 109	51 2.01	34 1.34	24 .94	50-220	72-147	70 2.76	30 1.18	235 9.25	72 2.83	60 2.36	47 1.85	75 kN 16861 lbf
B 25	M 24	315 12.40	M20 x 69	51 2.01	34 1.34	24 .94	45-180	72-108	70 2.76	30 1.18	235 9.25	72 2.83	60 2.36	47 1.85	75 kN 16861 lbf
B 25	M 24	400 15.75	M20 x 109	51 2.01	34 1.34	24 .94	45-215	72-147	70 2.76	30 1.18	235 9.25	72 2.83	60 2.36	47 1.85	75 kN 16861 lbf

\*Specified clamping forces in optimal clamping position (smallest distance from the clamping screw to the clamping point). Clamping forces can vary depending on clamping, strength class of the clamping screw, and the condition of the thread (lubrication).

\*\*For versions with support extension, see No. 6312S.