

Clamping Frames

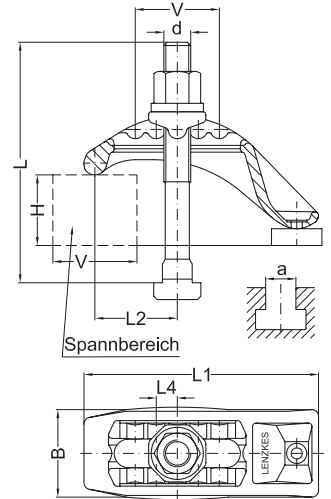
S33 – S45 (complete)

Clamping Force: **Up to 70 kN**

Application Examples:
Injection moulding, metal forming and metal cutting

- adjustable both vertically and horizontally due to the unique grooved frame design
- greater clamping force than S30 or S40
- S45: No protruding bolts

- **Material: Hardened alloy steel, for higher clamping force**
- **Clamping Frames: Drop forged**



			for T-Slots	for Tapped Holes	for T-Slots (no protruding bolts)						
H	d	a	Part No.	Part No.	Part No.	V	B	L1	L2	L4	kN
40–120	M20	20	033-120-2020	–	–	64	85	215	45–109	16	50
	M20	22	033-120-2022	033-120-20	–						60
	M24	24	033-120-2424	–	–						70
	M24	28	033-120-2428	033-120-24	–						
	M30	36	033-120-3036	033-120-30	–						
	M30	42	033-120-3042	–	–						
60–160	M20	20	033-160-2020	–	–	80	85	250	45–125	16	50
	M20	22	033-160-2022	033-160-20	045-160-2022						60
	M24	24	033-160-2424	–	–						70
	M24	28	033-160-2428	033-160-24	045-160-2428						
	M30	36	033-160-3036	033-160-30	–						
	M30	42	033-160-3042	–	–						
90–180	M16	18	033-180-1618	033-180-16	045-180-1618	90	70	240	35–125	15	35
	M18	20	033-180-1820	033-180-18	045-180-1820						50
	M20	20	033-180-2020	–	–						
	M20	22	033-180-2022	033-180-20	045-180-2022						
	M20	24	–	–	045-180-2024						
	M22	24	033-180-2224	–	045-180-2224						
	M24	24	033-180-2424	–	–						60
	M24	28	033-180-2428	033-180-24	045-180-2428						
	M24	36	033-180-2436	–	045-180-2436						
	M30	–	–	033-180-24-30	–						
130–260	M16	18	033-260-1618	–	045-260-1618	90	70	280	40–130	15	35
	M18	20	033-260-1820	–	–						50
	M20	22	033-260-2022	033-260-20	045-260-2022						
	M20	24	–	–	045-260-2024						
	M22	24	033-260-2224	–	–						
	M24	28	033-260-2428	033-260-24	045-260-2428						60
	M24	36	033-260-2436	–	–						
	M30	–	–	033-260-24-30	–						