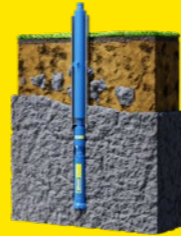


SHOCK ABSORBERS



Mincon's heavy duty DTH shock absorbers have been engineered to protect your drill rig, rotary head, boom joints and drill string components, with easy maintenance in mind. Place them just behind the DTH hammer for trouble free worksite operation every day.



Features in large sizes:

- Three cushion construction
- Damping on both directions
- Easy to change drive pins for rotation
- Connections according to requirements



SHOCK ABSORBERS 4-34"

SHOCK ABSORBER SPECIFICATIONS

System product code	OD		Length		Tool length		Weight		Connections*		Drive pins	Dampers both directions
	mm	inch	mm	inch	mm	inch	kg	lb	bottom	top		
MSA40	95	3.76"	566	22.28"	489	19.25"	22	47.8	2 3/8" API Reg	2 3/8" API Reg	-	-
MSA50	114	4.49"	626	24.65"	527	20.75"	34	75.0	3 1/2" API Reg	3 1/2" API Reg	-	-
MSA60	140	5.50"	680	26.77"	584	23.00"	55	120.8	3 1/2" API Reg	3 1/2" API Reg	-	-
SA8	182	7.15"	798	31.42"	690	27.17"	102	224.9	4 1/2" API Reg	4 1/2" API Reg	-	YES
SA10	219	8.62"	936	36.85"	809	31.85"	173	381.4	6 5/8" API Reg	6 5/8" API Reg	-	YES
SA12	273	10.75"	1 012	39.84"	885	34.84"	293	645.9	6 5/8" API Reg	6 5/8" API Reg	YES	YES
SA15*	340	13.39"	1 054	41.50"	723	28.46"	463	1 021	INTG1518	8 5/8" API reg	YES	YES
SA18*	400	15.75"	1 048	41.26"	911	35.87"	611	1 347	8 5/8" API reg	8 5/8" API reg	YES	YES
SA24*	507	19.96"	1 211	47.68"	1 001	39.41"	1 079	2 379	275 mm hex	200 mm hex	YES	YES
SA34*	607	23.90"	1 398	55.04"	1 118	44.02"	1 846	4 070	370 mm hex	275 mm hex	YES	YES

*Connections according to the requirements.

