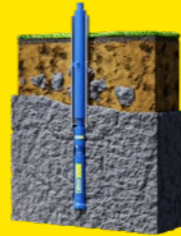


# SHOCK ABSORBERS



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"	556	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	-	-
SA07-API412box-API412pin	160	6.30"	750	29.53"	642	25.28"	90	198.4	4 1/2" API Reg	4 1/2" API Reg	-	YES
SA08-API412box-API412pin	182	7.17"	798	31.42"	690	27.17"	102	224.9	4 1/2" API Reg	4 1/2" API Reg	-	YES
SA10-API658box-API658pin	219	8.62"	936	36.85"	809	31.85"	173	381.4	6 5/8" API Reg	6 5/8" API Reg	-	YES
SA12-API658box-API658pin	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-API858box-API858pin	340	13.39"	1 024	40.31"	888	34.96"	480	1 058	8 5/8" API Reg	8 5/8" API Reg	YES	YES
SA15-INTG1518pin-API858	340	13.39"	1 054	41.50"	723	28.46"	487	1 074	INTG1518	8 5/8" API Reg	YES	YES
SA15-INTG1518pin-HEX200pin	340	13.39"	1 127	44.37"	723	28.46"	488	1 076	INTG1518	HEX200	YES	YES
SA15-INTG1518pin-HEX200Lpin	340	13.39"	1 182	46.54"	733	28.86"	504	1 111	INTG1518	HEX200L	YES	YES
SA18-API858box-API858pin	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
SA18-API858box-HEX200pin	400	15.75"	1 121	44.13"	911	35.87"	654	1 442	8 5/8" API Reg	HEX200	YES	YES
SA18-API858box-HEX200Lpin	400	15.75"	1 166	45.91"	911	35.87"	665	1 466	8 5/8" API Reg	HEX200L	YES	YES
SA18-HEX240Hbox-HEX240Hpin	400	15.75"	1 572	61.89"	1 173	46.18"	843	1 859	HEX240H	HEX240H	YES	YES
SA18-INTG1518PIN-HEX200pin	400	15.75"	1 209	47.60"	805	31.69"	709	1 563	INTG1518	HEX200	YES	YES
SA18-INTG1518PIN-HEX200Lpin	400	15.75"	1 254	49.37"	805	31.69"	722	1 592	INTG1518	HEX200L	YES	YES
SA24-HEX275box-HEX200pin	507	19.96"	1 211	47.68"	1 001	39.41"	1 079	2 379	HEX275	HEX200	YES	YES
SA24-HEX275box-HEX200Lpin	507	19.96"	1 256	49.45"	1 001	39.41"	1 092	2 407	HEX275	HEX200L	YES	YES
SA24-INTG24pin-HEX200pin	507	19.96"	1 293	50.91"	843	33.19"	1 190	2 624	INTG24	HEX200	YES	YES
SA24-INTG24pin-HEX200Lpin	507	19.96"	1 338	52.68"	843	33.19"	1 108	2 443	INTG24	HEX200L	YES	YES
SA24-INTG24-API858pin	507	19.96"	1 366	53.78"	843	33.19"	1 095	2 414	INTG24	8 5/8" API Reg	YES	YES
SA24-HEX240Hbox-HEX240Hpin	507	19.96"	1 558	61.34"	1 159	45.63"	1 345	2 965	HEX240H	HEX240H	YES	YES
SA34-HEX370box-HEX275pin	607	23.90"	1 398	55.04"	1 118	44.02"	1 846	4 070	HEX370	HEX275	YES	YES

\*Connections according to the requirements.

