

SETTING TOOL SYSTEMS

MCR's 2-1/2" **MUST** setting tools can set a wide range of downhole equipment types and sizes.



Example for illustration purposes

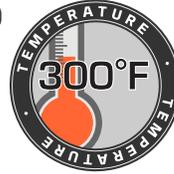
MCR's MUST™ system is a true slow-set, non-hazmat solution for a wide variety of setting tool operations, including high shear and long stroke scenarios. MUST systems are used to set bridge plugs, gauge hangers, packers, permanent and retrievable plugs and can be deployed as the first stage when using MCR's **PosiLatch™** post positioning system. The long stroke length and practical design of the MUST system is made possible by MCR's **PowerStik™** component, a proprietary, non-hazmat pressure-generating technology. Each disposable MUST system can be deployed on electric wireline, coiled tubing and slickline when utilizing MCR's non-hazmat **Thermal Generator™** (THG™) activator and Remote Firing Mechanism (RFM).

BENEFITS

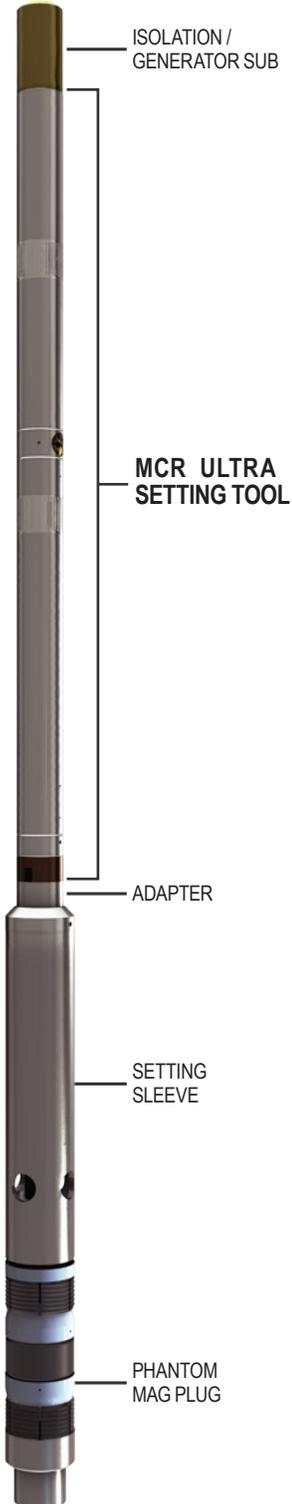
- Non-Explosive
- Non-Hazmat rated
- Radio Safe
- 5 - 15 second setting time
- Self-bleed system provides a safe recovery with multiple back-up pressure-bleed options
- Pre-configured system eliminates risk of well condition related set up error
- Single use system eliminates redress complications by providing a new tool for every job
- Slim design replaces standard, multi-stage and compact setting tools in a single unit
 - Baker #10, Baker #20
 - GO Shorty 2-1/2" thru 3-1/2"
 - Owen 2-1/8" thru 3-1/4" MSST and 3-5/8" Compact
- Uses proven, proprietary fuel technology for reliable pressure and force application
- Baker #10 adapters included with MUST kit
- Baker #20 adapters and all other adapters available for order



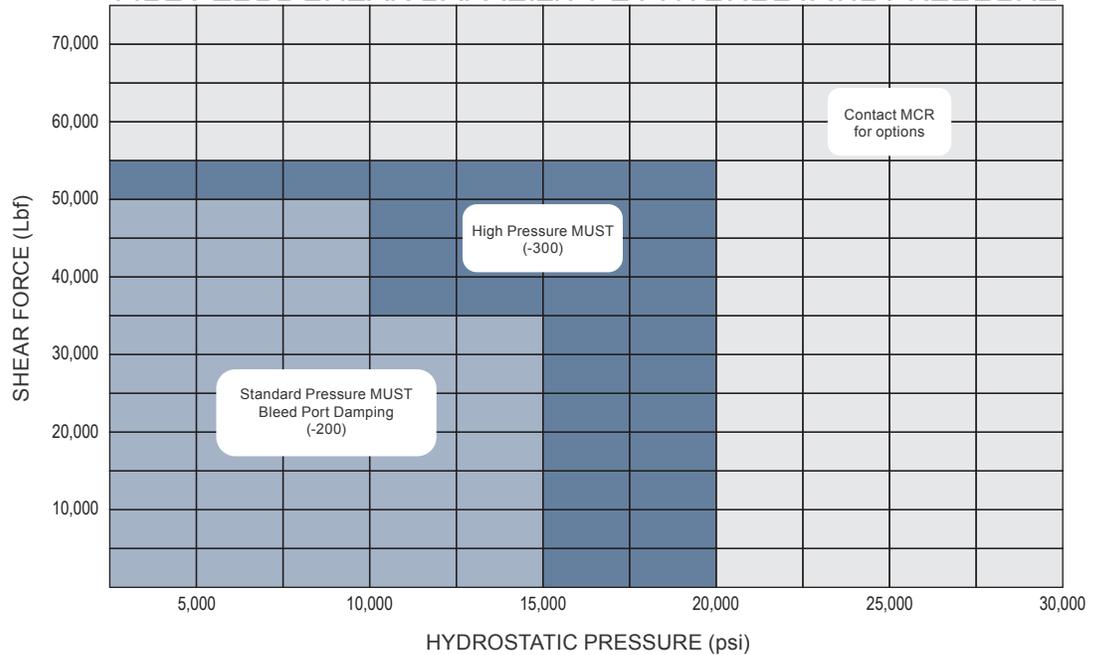
UP TO



UP TO



MUST 2500 SHEAR CAPABILITY BY HYDROSTATIC PRESSURE



SPECIFICATIONS

SYSTEM DESIGNATION	STANDARD PRESSURE KMUST-2500-200HV or KMUST-2500-200LV		HIGH PRESSURE KMUST-2500-300HV or KMUST-2500-300LV
TOOL OD	2.50" (64 mm)		2.50" (64 mm)
TOOL LENGTH (w/o adapter)	48.0" (1,494 mm)		48.0" (1,494 mm)
SETTING FORCE, MAX	50,000 Lbf	35,000 Lbf	55,000 Lbf
MAX HYDROSTATIC PRESSURE	10,000 psi (69 MPa)	15,000 psi (103 MPa)	20,000 psi (138 MPa)
MAX OPERATING TEMPERATURE	300°F (149°C)		300°F (149°C)
STROKE LENGTH	12" (305 mm)		12" (305 mm)
ACTIVATOR TYPE	HV: (Wireline) TG-B-150E-01		HV: (Wireline) TG-B-150E-01
ACTIVATOR TYPE	LV: (RFM/CTS) TG-B-008T-01		LV: (RFM/CTS) TG-B-008T-01

Contact MCR for up-to-date specifications and size/availability