
G l o s s a r y

AR	Army regulation
ATTN	attention
BA	bearing area
bend	A bend (in this manual called a knot) is used to fasten two ropes together or to fasten a rope to a ring or loop.
bight	A bight is a bend or U-shaped curve in a rope.
BS	breaking strength; the greatest strength.
CH	clay, high compressibility
CL	clay, low compressibility
cordage	Ropes and twines made by twisting together vegetable or synthetic fibers.
D	diameter
D	drift distance
DA	Department of the Army
EL	effective length
ENG	engineer
FM	field manual
FS	factor of safety

GC	clayey gravel
GP	poorly graded gravel
GW	well-graded gravel
HD	horizontal distance
HP	holding power
HQ	headquarters
IPS	improved plow steel
L	length of the sling
line	A line (sometimes called a rope) is a thread, string, cord, or rope, especially a comparatively slender and strong cord. This manual will use the word rope rather than line in describing knots, hitches, rigging, and the like.
loop	A loop is formed by crossing the running end over or under the standing part, forming a ring or circle in the rope.
L/d	length-to-diameter ratio
L/t	length-to-thickness ratio
MA	mechanical advantage
MD	mean depth
MH	silt, high compressibility
ML	silt, low compressibility
MPS	mild plow steel

N	number of slings
No	number
OH	organic soil, high compressibility
OL	organic soil, low compressibility
overhand turn or loop	An overhand turn or loop is made when the running end passes over the standing part.
PS	plow steel
psi	pound(s) per square inch
rope	A rope (often called a line) is a large, stout cord made of strands of fiber or wire that are twisted or braided together.
round turn	A round turn is a modified turn, but with the running end leaving the circle in the same general direction as the standing part.
running end	The running end is the free or working end of a rope.
SC	clayey sandy soil
SF	finely graded sand
SP	poorly graded sand
SR	slope ratio
standing part	The standing part is the rest of the rope, excluding the running end.
SW	well-graded sand
SWC	safe working capacity

T	tension
TB	technical bulletin
TC	training circular
TL	timber length
TM	training manual
TRADOC	United States Army Training and Doctrine Command
turn	A turn is the placing of a loop around a specific object (such as a post, rail, or ring) with the running end continuing in a direction opposite to the standing part.
underhand turn or loop	An underhand turn or loop is made when the running end passes under the standing part.
US	United States (of America)
V	vertical distance
VD	vertical distance
W	weight of the load to be lifted
W3	width of spar(s)
WL	width of the load
WST	width of the sloping trench
Y	Perpendicular distance from the rear guy line to the base of the gin pole or, for shears, to a point on the ground midway between the shears legs.