

Descriptor	Type	Variations	Size (Diameter) -	Size (Stroke)	Voltage/Pressure
Actuator	Solenoid	Ram			
	Linear	Cylinder			
	Pneumatic				
	Hydraulic				
	Electric motor				

Descriptor	Type	Material			
Adhesives	Epoxy	Urethane			
	Contact				

Descriptor	Material	Size X	Size X	Size	
Angle	A36	(Fraction)			
		(Whole Number)-(Fraction)			

Descriptor	Material	Size X	Size X	Size	
Adapter		(Fraction)			
		(Whole Number)-(Fraction)			

Descriptor	Material	Shape	Size X	Weight	
Bar	A36	Rnd	(Fraction)	(Decimal)	
	1018Cr	Flat	(Whole Number)-(Fraction)		
	1045Hr	SQ			
	4140Cds				
	8620Cd				
	8620Hr				
	Ss 304				
	Ss 316				

Descriptor	Material	Shape	Size X	Weight	
Beam	A36	W	(Fraction)	(Decimal)	
	M1020	S	(Whole Number)-(Fraction)		
		H			

Descriptor	Material	Type	Features	Features	
Bearing	Roller				
	Tapped				
	Flange				
	Thrust				

Descriptor	Shape	Diameter -	Pitch x	Length (LG)	Grade (Gr)
Bolt	Button	(Fraction)	(Fraction)		5
	Binder	(Whole Number)-(Fraction)	(Whole Number)-(Fraction)		8
	Flat	M(Metric)			8.8
	Hex				10.9
	Low				Etc.
	Pan				
	Round				
	Socket				
	Set				
	Thumb				
	Weld				
	Heavy				
	Shoulder				
	Support				
	Shackle				
	Eye				

Descriptor	Type	Amperage	Voltage /	Voltage	Details
Breaker	Circuit				

Descriptor	Type	Size	Shape	Features	Details
Breather	Vent				

Descriptor	Type	Details			
Bushing	Pipe	Reducer			
	Flange	Steel			
	Machine				

Descriptor	Type	Size	Shape	Features	Details
Cap					

Descriptor	Material	Type	Features	Features	Details
Caster	Pneumatic	Rigid	Locking	Brake	
	Rubber	Swivel			
	Steel	V Grove			
	Aluminium	Collapsible			
	Plastic	Bearing			
	Polyurethane	Bushing			

Descriptor	Type	Material	OD x	ID	Details
Casting	Plate				
	Rings				
	Endfittings				
	Teacups				
	Cheeks				
	Lifting Lug				

Descriptor	Type	Diameter	Grade	Capacity	Grade
Chain	Rigging	1/4 (9/32)	80		80
*	Lifting	5/16	100		100
	Proof Coil	3/8			
	Sling	1/2			
	Double Loop	5/8			
	Coupler	3/4			
	Wheel	7/8			
		1			
		1-1/4			
	Type	Ansi/Iso #	Pitch		Details
	Roller	35, 40, 41, 50, 60, 80, 100, Etc.			

Descriptor	Material	Shape	Size x	Weight	Details
Channel	A36	C	(Fraction)	(Decimal)	
			(Whole Number)-(Fraction)		

Descriptor	Type	Material	Size		Details
Clamp	Hose				
	Pipe				
	Conduit				

Descriptor	Type	Size	Max torque		Details
Clutch	Ratchet				
	Torque Limiting				

Descriptor	Type	Material	Size		Details
Composite	Strip	FT205	W x L x Thk		Color
	Channel	1625	H x L		Mfg Part No.
	Lug		W x L x Thk		
	Bushing	4140HT	Diam x Thk		
	Adhesive				

Descriptor	medium	Type	Gauge/ Size	Voltage	Details
Connector	Electrical	Butt			
	Pneumatic	Crimp			
	Hydraulic				

Descriptor	Device	Color	Gauge/Size	Conductors	Length (if fixed)
Cord	Grip(Connector)		14 AWG	4	100 FT
	Retractable		16 AWG		
	Sjo				
	So				
	Stretch Reel				

Descriptor	Type	Material	Size		Details
Cover	Side Plate				
	Front Plate				

Descriptor	Type	Material	Size(Length) x	Size(Width) x	Size(Height)
Crate	Skeleton	Wood			
	Pallet				
	Box				

Descriptor	Company	Sub Brand (if applicable)	Size(Height) x	Size (Width)	Details
Decal	CG (Caldwell Group)	SB (Strong-Bac)			
Attach PDF file & indicate original file type & location	Hercules	MD (Mill-Duty)			
	CM-Cady	PT (Posi-Turner)			
	LiftAll	VL (Univac)			
	Kito	RR (Rig-Release)			
	Harrington	RM (Rig-Master)			
	Permador	LT (Lif-Truc)			
		KK (Krane-King)			
		CA (Caldwell Slings)			

Descriptor	Type(Rating)	Size(Length) x	Size (Width) x	Size (Depth)	Details
Enclosure	Nema	14	12	6	Hoffman
	Explosion Proof				
	UL Approved				
	Csa Approved				

Descriptor	Type	Application	Size(Length) x	Size(Width) x	Size(Height)
Eye	Pad	Weld			

Descriptor	Type	Size (Micron)	Size	Details	
Filter	Vac			Element	
	Air			Adapter	
	Oil			Head	
	Paint			Spin-on	
	Bag				
	Water				

Descriptor	Medium	Type	Material	Angle	Details
Fitting	Pneumatic	Nipple	Brass		
	Hydraulic	Elbow	Copper		
	Electrical	Tee	Steel		
		Stem?	Ss		
		Bulkhead			

Descriptor	Type	Amperage	Voltage	Voltage	Details
Fuse	Midget				
	Agc-				
	Flq				
	Mda				
	Hpf Fuse Holder				

Descriptor	Model	Class	Ratio	Input/Output	Frame Size
Gearbox					

Descriptor	Type		Features	Features	
Guages	Voltage				
	Pressure				
	Amperage				
	Vacuum				

Descriptor	Upper Shape	Lower Shape	Capacity	Size	Grade
Hook	Swivel	Grab			Carbon
	Eye	Hoist			Alloy
	Clevis	Sling			
	Shank	Foundary			
	Bucket	Lock			
	Bearing				
	Universal				

Descriptor	Type	Voltage (AC/ DC)	Amperage		Details
Horn	Low Vac				Alarm

Descriptor	Type	ID	OD		
Hose	Pneumatic				
	Hydraulic				
	Rubber				
	Vacuum				

Descriptor	Type				
Indicator	Bulb	cap			
	Light				
	cordset				
	Base				

Descriptor	Type	Size	Features	Features	Details
Knob	Star Shaped				

Descriptor	Type	Language (other than english)	Size(Height) x	Size (Width)	Details
Label	WNG (Warning)	SPH (Spanish)			Brand (if applicable)
Attach PDF file & indicate original file type & location	DGR (Danger)	FRH (French)			
	Wire	PORT (Portuguese)			
	ID (Identification)	Combo Language: ENG/Other			
	CAP (Capacity)	Description (Ton Cap.)			
	NO (Number)				
	Process				
	Legend Plate				

Descriptor	Type	Length	Features	Features	Details
Lanyard	Loop & Loop	12"			
	Loop & Eye	18"			
		24"			

Descriptor	Type	Lower Shape	Hook Capacity	Size	Code Id
Latch	Gravity	Grab			
	Spring Loaded	Hoist			
	Bait	Sling			
	Universal	Foundary			
	Chain Nest	Lock			
	Shank	Pull Pin			

Descriptor	Type	Color	Voltage	SIZE	
Light	Warning	Red	120 VAC	22mm	
	Indicator	Green			
	Bulb	Amber			

Descriptor	Type	Feature	Size	Capacity	Grade	Details
Link	Master	Eng Flat	1/4"		80	HAMMERLOC
	Pear	Subassembly			100	LOC-A-LOY
	Round					
	Connecting					

Descriptor	Type	Type	Features	Details	
Lock	Floor				

Descriptor	Type	Amperage	Voltage	Voltage	Details
Monitor	3-Phase		480 Volts		Time Mark

Descriptor	Size(Hp)	Max Rpm	Voltage (Ac/Dc)	Amperage	Frame Size
Motor					B
					56C
					84

Descriptor	Type	Size	Features	Details	
Muffler	Pneumatic				
	Vacuum				

Descriptor	Shape	Diameter -	Pitch	Grade	Details
Nut	Hex	(Fraction)	(Fraction)	5	
	Square	(Whole Number)-(Fraction)	(Whole Number)-(Fraction)	8	
	Weld	M(Metric)		8.8	
	Jam			10.9	
	Lock				
	Castle				
	Nylon Lock				

Descriptor	Type	Amperage	Voltage	Voltage	Details
Overload	Thermal Unit	1.97 to 2.52			SQ-D

Descriptor	Type	Color	Based	Size	Details
Paint	Water		water		
	Epoxy		enamel		
	Spray				

Descriptor	Type	Button count	Based	Size	Details
Pendant	Electrical	1			
	Pneumatic	2			
	Hydraulic	3			

Descriptor	Shape	Diameter	Length	Capacity	Grade
Pin	Roll	(Fraction)			
	Fast	(Whole Number)-(Fraction)			
	Standard	M(Metric)			
	Spring				
	Shackle				
	Cotter				
	Hitch				
	Lynch				
	Hair				
	Coupling				
	Round				
	Spring Latch				
	Retainer				

Descriptor	Material	Schedule	Size X	Weight	
Pipe	Black (Steel)	10	(Fraction)	(Decimal)	
	Aluminium	40	(Whole Number)-(Fraction)		
	Ss 304	80			
	Ss 316				

Descriptor	Material	Size			
Plate	A36	(Fraction)			
	A572	(Whole Number)-(Fraction)			
	T1				
	4140				
	8620				

Descriptor	Type	Details	Voltage		Details
Plug	Plastic	Quick	480 V		Crouse-Hinds (Eaton)
	Breather				
	Pipe				
	Disconnect				
	Electrical				

Descriptor	Type	Power (Hp)	Voltage (Ac/Dc)	Amperage	Size
Pump	Hydraulic				
	Vac				

Descriptor	Type	Model #	Voltage (Ac/Dc)	Function #	Size
Radio	Transmitter				
	Receiver				

Descriptor	Type	Details	Size		
Receptical					

Descriptor	Type	Medium	Max		Details
Regulator	Pressure				

Descriptor	Type	Amperage	Voltage	Voltage	
Relay	Overload				
	Control				
	Phase				

Descriptor	Type	Feature	Size	Capacity	Grade
Ring	Retaining	Internal			
		External			

Descriptor	Material	Type	Size x	Size x	
Seal	Sponge	Caps			
	Rubber	Ring			
	Plastic	Pad			
	Steel	Hole			
	O-Ring	Molded			
	Ring	Snap On			
	Shaft	Elongated Lip			

Descriptor	Type	Details	Size		
Scale	system	RF			

Descriptor	Type	Details	Size		
Sensor	Proximity				
	Inclinometer				

Descriptor	Type	Feature	Size	Capacity	Grade
Shackle	Bolt	Alloy			
	Round (Pin)	Wide			
	Screw	Galvanized			
	Chain	Carbon			

Descriptor	Material	Shape	Gauge / Size X	Weight	Weight
Sheet	A36	Expanded	(Fraction)	(Decimal)	(Decimal)
	Ss 304		(Whole Number)-(Fraction)		
	Ss 316				

Descriptor	Type	Amperage	Voltage	Voltage	
Shock	Gas				

Descriptor	Type	Gauge	Width	Length	Type
Sling	Wire Mesh	10-	4"-	8'-	1

Descriptor	Type	Amperage	Voltage	Voltage	Details
Sockets	8-Pin	10 Amps	480 VAC		Time Mark

Descriptor	Type	Details	Size		
Springs	Compression				
	Extension				
	Die				
	Torsion				

Descriptor	Type	Amperage	Voltage	Voltage	Details
Starter	Motor		120 Volts		SQ-D
	Coil		480 Volts		SQ-D

Descriptor	Type	Details	Size		
Strap	Ratchet				

Descriptor	Type	Details	Voltage (Ac/Dc)	Amperage	
Switch	Limit	Button			
	Toggle				
	Pressure				
	Vacuum				
	Push				
	Compact				
	lever arm				
	Remote				

Descriptor	Type	Material	Size		Details
Terminal	Strip	Aluminum			
	Block				
	Jumper				
	End Barrier				
	End Anchor				
	Din Rail				
	Flag				
	Piggy-Back				
	Mount Channel				
	Ground Bar				
	Track				

Descriptor	Type	Amperage	Voltage		
Timer					

Descriptor	Type	Amperage	Voltage		
Transformer					

Descriptor	Material	Shape	Size X	Wall	
Tube	A500B	RND	(Fraction)	(Fraction) WA.	
	Dom	SQ	(Whole Number)-(Fraction)		
	Cd-SmIs	RECT			
	Ew				
	Cd-Bw				
	Ss 304				
	Ss 316				

Descriptor	Type	Feature	Size	Capacity	Grade
Turnbuckle	Jaw	Jaw			
		Eye			

Descriptor	Medium	Type	Material	Angle	
Valve	Pneumatic	Relief			
	Hydraulic	Control			
	Vacuum	Check			
		Slide			
		Angle			

Descriptor	Shape	Diameter			Grade
Washer	Flat	(Fraction)			5
	Fender	(Whole Number)-(Fraction)			8
	Lock	M(Metric)			8.8
	Heavy				10.9
	Serated				Etc.
	Stainless				
	Bevel				
	Spherical				
	Bronze				
	Shakeproof				
	Thrust				

Descriptor	Gauge/ Size	Class	Color	Voltage	
Wire		MTW			
		THHN			
		High Temp			

NOTES

noun first naming convention.

A *common noun* refers to a generic person, place, or [thing](#): *teacher, classroom, smartphone*.

Insert space between each column, skip to next column if there is no entry for a specific detail.

Part Description = Short description

Engineering dwgs will be in ALL CAPITAL LETTERS and follow the same naming convention, but will skip over details that have their own

bom column ie: Material, Grade

M1 part naming to use proper sentence capitalizing convention, first letter cap, rest lower case.

Fractions -> Windows level file naming does not support fractions, so decimal naming convention will be used for CAD naming

Gage = GA 10GA(0.109)

Raw materials ordered in FEET length, and stocked in INCH per M1 units...

Long description = Notes / various details / trade names

Vendor Part ID -> part organization