

Safety Shields and Enclosures



Westward Safety Shields—Feature quick cam action and 360° swivel locking shield.

Ferndale—45HE37 is for milling machines and has 3 interlocking safety switches. Fitted to an articulated arm, balanced, and kept in position by a gas spring with steel pipe and polycarbonate hood. 45HE42 is for grinders and includes clutch and easy-to-fit swiveling mounting bracket. Designed with aluminum frame and 130 x 130mm polycarbonate screen. 45HE60 is a polycarbonate safety screen with lathe safety guard that can be tensioned to stay mid-way up. For use with chuck size up to 11" dia.

Compatible with Product Type	Guard Type	Shield Type	Overall Height	Overall Width	Overall Length	FOR USE WITH	Brand	Item No.
Drill Press, Grinder, Lathe, Mill, Saw	Lathe Guard, Machine Guard	Chip and Splash Shield	6 in	6 in	6 in	OPTIONAL C-CLAMP BASE 60UN6	Cedarberg	60UN56
		Chip and Splash Shield	9 in	9 in	9 in	OPTIONAL C-CLAMP BASE 60UN6, SPRING CLAMP BASE	Cedarberg	60UN57
		Chip and Splash Shield	12 in	12 in	12 in	OPTIONAL C-CLAMP BASE 60UN6, SPRING CLAMP BASE	Cedarberg	60UN58
Grinder	Machine Guard	Safety Shield	—	8 in	6 in	C-CLAMP	Westward	2MZW9
		Safety Shield	—	12 in	8 in	MAGNETIC SWIVEL BASE	Westward	2MZV8



60UN56



45HE37

Description	L	W	Item No.
Ferndale/Repair Guards			
Machine Guard, Yellow, Includes Arm with 3 Interlock Switches, Mounting Block (Ram), Round Screen	—	—	45HE37
Bench Grinder Guard, Yellow, Includes Screen, Swiveling Mounting Bracket	5½ in	5½ in	45HE42
Lath Chuck Guard, Yellow, Includes Arm Assembly with Interlock Switch, Round Screen	15¾ in	9¾ in	45HE60

DREMEL

3D Printers and Filament

- 10.00 in x 6.00 in x 6.70 in Build Volume
- 4.72 in/sec Build Speed

3D PRINTERS

3D40 FLEX - Flexible metal build plate allows easy, safe removal of printed objects. Improved 50 micron ultra high quality print resolution is ideal for intricate, detailed designs. Prints up to 30% faster than low resolution using draft mode printing profile; perfect for classroom settings. Easy set up using touchscreen control.



54YR15

3D45 - High quality printer for creating complex models and prototypes using advanced filament types at higher temperatures. RFID recognition automatically detects filament type and adjusts printer settings. Heated bed prevents warping. Enclosed build area has cooling and filtration systems to keep temperature consistent and protect from dust. WiFi and integrated HD camera allow remote printing and monitoring.

Material	Color	Dia.	Item No.
3D Printing Filament			
PLA	White	1.75 mm	55MF69
	Black		55MF70
	Orange		55MF72
	Purple		55MF73
	Blue		55MF74
	Green		55MF75
	Pink		55MF76
	Silver		55MF77
	Clear		55MF78

Layer Thickness	Res.	Includes	Mfr. Model	Item No.
0.05 to 0.5 mm	50 microns	(2) Build Tapes, Build Sheet, Filament Spool, Object Removal Tool, Power Cable, Unclog Tool, USB Cable, USB Flash Drive	3D40-FLX-01	54YR15
0.05 to 0.5 mm	50 microns	(2) Build Tapes, Build Sheet, Educational Lesson Plan, Filament Spool, Object Removal Tool, Power Cable, Unclog Tool, USB Cable, USB Flash Drive	3D40-FLX-EDU	54YR16
0.1 to 0.3 mm	100 microns	(2) Glue Sticks, Filament Spool, Instruction Manual, Power Cable, Quick Start Guide, USB Cable	3D45-EDU	54YP04
100 microns	100 microns	(2) Glue Sticks, Build Plate, ECO-ABS Filament, Instruction Manual, Quick Start Guide, Roll of Black Nylon Filament, Scraper, Unclog Tool, USB Drive with Slicing Software	3D45-01	54FY56

CREALITY

Creality 3D Printers



787X64

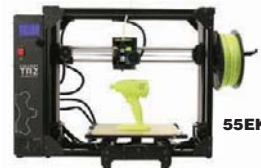
Material	Color	Dia.	Item No.
3D Printing Filament			
Silk	Purple	1.75 mm	787XA8
	Silver		787XA7
	Blue		787XA5
	Gray		787XC4
	Red		787XC2
TPU	Black	1.75 mm	787XC1
	White		787XA9
	Black		787X96
PETG	White	1.75 mm	787X95
	Gray		787X92
	Red		787X90
ABS	Black	1.75 mm	787X89
	White		787X87
	Fluorescent Red		787X76
PLA	Fluorescent Orange	1.75 mm	787X75
	Silver		787X74

Build Volume	Layer Thickness	Res.	Includes	Item No.
5.00 in x 3.15 in x 6.30 in	0.01 to 0.2 mm	0.01 to 0.05 mm	Brush, Build Platform, Filter, Power Cord, Quick Installation Guide, Release Film, Resin Vat, Scraper, Toolkit, USB Memory Stick	787X69
7.56 in x 4.72 in x 7.87 in	0.01 to 0.2 mm	0.05 mm		787X70
7.87 in x 7.87 in x 7.87 in	0.1 to 0.4 mm	0.1 mm		787X62
8.66 in x 8.66 in x 9.84 in	0.1 to 0.4 mm	0.1 mm		787X60
9.25 in x 9.25 in x 9.84 in	0.1 to 0.4 mm	0.1 mm		787X66
9.84 in x 9.84 in x 11.81 in	0.1 to 0.4 mm	0.1 mm		787X61
11.02 in x 10.23 in x 12.20 in	0.1 to 0.4 mm	0.1 mm	Sample Filament Spool, SD Card, Spare Nozzles, Toolkit, USB SD Card Adapter	787X63
11.81 in x 8.86 in x 14.96 in	0.1 to 0.4 mm	0.1 mm		787X65
11.81 in x 8.86 in x 14.96 in	0.1 to 0.3 mm	0.1 mm		787X64
11.81 in x 11.81 in x 15.75 in	0.1 to 0.3 mm	0.0125 mm		787X68
11.81 in x 11.81 in x 15.75 in	0.1 to 0.4 mm	0.1 mm		787X67



3D Printers and Filament Spools

Description	Build Volume	Build Speed	Layer Thickness	Includes	Mfr. Model	Item No.
3D Printer, 18 in L X 13 ½ in W	6.30 in x 6.30 in x 7.09 in	11.81 in/sec	0.5 to 0.5 mm	7-Piece Wrench Set, Clam Knife, Glue Stick, Long Nose Pliers, Pad, Power Cable, SD Card with Source Files, USB Cable, Wiper Pad Set	MINI 2	490K93
3D Printer, 32 ¾ in L X 28 in W	11.02 in x 11.02 in x 11.22 in	11.81 in/sec	0.05 to 0.4 mm	4 GB SD Card, 7-Piece Hex Key Set, Dental Pick, Dual Filament Run-Out Sensors, Glue Stick, Hangable Bag, LCD Touch Screen Display, Long Nose Pliers, Metric Ruler, Part Removal Tool, Precision Knife, Quality Assurance Record, Quick Start Guide, Scrub Pads, TAZ Pro Tool Head Dual Extruder with 0.5 mm Nozzle, Wiper Pads	TAZ PRO	55EK73
3D Printer, 32 ¾ in L X 28 in W	11.02 in x 11.02 in x 11.22 in	11.81 in/sec	0.05 to 0.4 mm	7-Piece Hex Key Set, 8 GB SD Card, Dental Pick, Glue Stick, Hangable Bag, LCD Display, Long Nose Pliers, Metric Ruler, Part Removal Tool, Precision Knife, Quality Assurance Record, Quick Start Guide, Scrub Pads, SE Tool Head Single Extruder with 0.5 mm Nozzle, Wiper Pads	TAZ WORKHORSE	55EK74



55EK74



56LF59

Dia.	Color	Item No.
PLA		
3 mm	Black	56LF59
	Blue	56LF60
	Green	56LF61
	Gray	56LF62
	Red	56LF63
3 mm	White	56LF64
	Orange	221W59
	PETG	
3 mm	LulzBot Green	221W91
	Blue	221W92
	Orange	221W94
	Red	221W95