



# Machining and Lapping

- Loctite® Clover® compounds allow final finishing of metal surfaces not practical with mechanical methods alone
- Available in petroleum-based grease mix or Pat Gel® water-based carrier

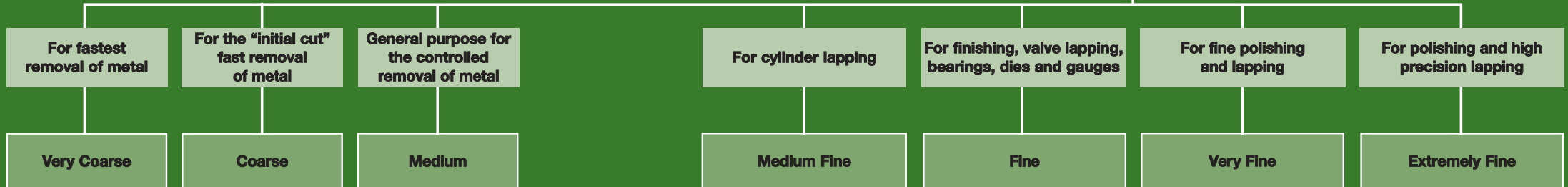


## MACHINING AND LAPPING METALS

### Helpful Hints:

- The more coarse the compound, the faster the metal removal
- The finer the compound, the smoother the finish will be

### What type of metal removal is needed?



### Solution

Grade	J	G	F	E	NC	D	C	B	A	1A	2A	3A	4A	5A	6A	7A	
Grit	54	80	100	120	150	180	220	240	280	320	400	500	600	800	1,000	1,200	
Average Particle Size of Abrasive Grains	1/1000 inches	18.00	15.00	6.80	5.60	4.80	3.40	2.60	2.48	1.75	1.28	0.90	0.68	0.56	0.38	0.20	0.12
	Microns (0.001 mm)	463	267	173	142	122	86	66	63	44	33	23	17	14	9	5	3
Loctite® Clover® Silicon Carbide Grease Mix 1 lb. can Part Number*	39483	39473	39463	39452	39499	39439	39426	39413	39401	39510	39523	39536	39549	39561	39574	39587	
Loctite® Clover® Silicon Carbide Pat Gel® Water Mix 1 lb. jar Part Number	39488	39478†	39468	39457†	39504	39444	39431	39418	39406	39515	39528	39541†	39554	39566	39579	39592	

\* Also available in 25 lb. pails and 100 lb. drums.  
† Also available in 25 lb. pails.

### Loctite® Clover® Silicon Carbide Grease Mix

The standard abrasive paste for fast metal removal. Produces a smooth, flat surface but not a polished one. Leaves a rust-preventing film on lapped surfaces.



### Loctite® Clover® Silicon Carbide Pat Gel® Water Mix

Paste formulation for fast metal removal. Biodegradable, recommended for applications where cleanup with water is required.



### Loctite® Clover® Duplex Package

Silicon carbide grease mix in two convenient grit sizes 120 and 280. Contains 2 ounces of each.

Part Number  
39598



Call Toll Free: **1-866-711-4673**  
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**We Ship World Wide**