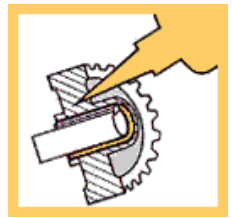


## RETAINING

To fit bearings, bushes, pulleys, gears, keys, splines and other cylindrical components. They strengthen press fitted parts, allow the use of sliding fits in place of interference fits, allow larger machining tolerances, eliminate distortions, fretting corrosion and improve reliability. They seal against liquids leakage. The choice table meets right product demand on basis of requested strength and diameter or tolerance of connections.



PRODUCT	Class of locking *	Max. diameter of thread	Max. gap filling	Viscosity 25°C mPa.s (LT - MT - HT)	Color **	Curing time		Locking torque N.m		Shear strength N/mm <sup>2</sup>	Temperature range (°C)
						handling (minutes)	functional (heures)	breakaway	prevailing		
53-11	2	M20 - 25/32"	0,12mm - .005"	550 MT	Yellow/F	10 - 20	1 - 3	12 - 15	16 - 22	8 - 12	-55 +150
82-33	3	M12 - 15/32"	0,10mm - .004"	125 LT	Green/F	5 - 10	1 - 3	25 - 30	50 - 60	17 - 22	-55 +150
83-21	3	M20 - 25/32"	0,15mm - .006"	500 LT	Green/F	2 - 5	1 - 3	30 - 35	55 - 70	20 - 30	-55 +175
85-21	3	M36 - 1-13/32"	0,20mm - .008"	2500 LT	Green/F	2 - 5	1 - 3	30 - 40	55 - 70	25 - 30	-55 +150
86-86	3	M50 - 2"	0,30mm - .012"	8000 - 15000 MT	Green/F	20 - 40	3 - 6	25 - 30	40 - 70	15 - 25	-55 +230
89-51	3	M50 - 2"	0,30mm - .012"	150000 - 900000 HT	Silver	15 - 30	3 - 6	35 - 45	10 - 20	25 - 30	-55 +150

### CLASS OF LOCKING:

- 1- Low, easy to dismantle
- 2- Medium, possible to dismantle
- 3- High, permanent locking

### VISCOSITY BROOKFIELD:

- HT- High thixotropy
- MT- Medium thixotropy
- LT- Low thixotropy

### LOCKING TORQUE:

- Bolt M10 x 20
- Quality 8,8
- Nut = 0,8d

### COLOR:

- F = Fluorescent under blue light.

## SUGGESTED APPLICATIONS

- 53-11** Medium strength anaerobic adhesive for retaining of bearings, liners, bushes, keys and splines. Highly resistant to heat, corrosion, vibrations, water, gases, oils, hydrocarbons and many chemicals.
- 82-33** High strength anaerobic adhesive for retaining of close fitted parts, shafts, bushes, pulleys, rotors, especially suitable to be used on oily surfaces as is. Highly resistant to heat, corrosion, vibrations, water, gases, oils, hydrocarbons and many chemicals.
- 83-21** Fast curing high strength anaerobic adhesive for locking and sealing threads, fitted parts and retaining of cylindrical components. Highly resistant to heat, corrosion, vibrations, water, gases, oils, hydrocarbons and many chemicals. Approved as sealant in oxygen valves and fitting up to 60°C and 20 Bars by BAM Berlin.
- 85-21** Fast curing high strength anaerobic adhesive for locking and sealing threads and retaining of cylindrical parts. Allows larger machining tolerances. Maximum strength retaining. Highly resistant to heat, corrosion, vibrations, water, gases, oils, hydrocarbons and many chemicals.
- 86-86** High strength anaerobic adhesive for locking and sealing thread connections and fitted parts. Highly resistant to heat, corrosion, vibrations, water, gases, oils, hydrocarbons and many chemicals. Tixotropic effect large tolerance and gap filling.
- 89-51** High viscosity gap filling silver paste used between machinery parts to repair worn areas and restore correct fits. Repairs worn shaft and housing, bearing spinouts, wallowed keyways and splines, threaded parts. Highly resistant to heat, vibrations, corrosion, water, gases, oil, hydrocarbons and many chemicals.

