



SLIDE RETAINERS



Progressive's SRT® Series Slide Retainers reliably hold from 2 to 80 pounds (1 to 36 kgs) each. This slide retention design now features color-coded springs to indicate force rating. This compact design allows for installation in a mould base or wear plates.

Optional cleats may be selected or the V-Groove for roller retention may be machined in the bottom of the slide as shown on opposing page.



Inch Standard

Roller: **M** M-2 **H** 60-62 HRC **S** Titanium Nitride Coated 80 HRC

SLIDE RETAINER								CLEAT				
SLIDE RETAINER CATALOGUE NUMBER	Max Weight Per Unit (lbs)	ØD +0.005 -0.000	L ±.001	S ±.002	T Screws (2)	E Minimum Thread Depth	Color	CLEAT CATALOGUE NUMBER	G ±.001	C ±.002	H Screws (2)	J Minimum Thread Depth
SRT-02	2	.625	.160	.155	#4-48	.075	GRN	SRTC-10	.250	.190	#6-32	.250
SRT-04	4						BLU					
SRT-10	10						RED					
SRT-20	20	.750	.500	.150	#8-32	.190	GRN	SRTC-30	.250	.250	#6-32	.250
SRT-30	30						BLU					
SRT-50	50	.875	.750	.150	#8-32	.245	RED	SRTC-80	.250	.300	#6-32	.250
SRT-80	80						YEL					
SRT-40	40	1.125	.856	.205	1/4-20	.480	BLU	SRTC-75	.250	.400	#6-32	.250
SRT-60	60						RED					
SRT-75	75						YEL					

Cleats sold separately.

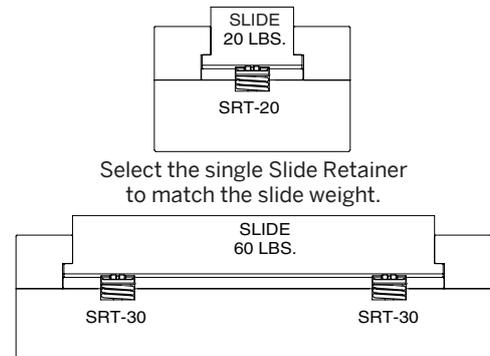
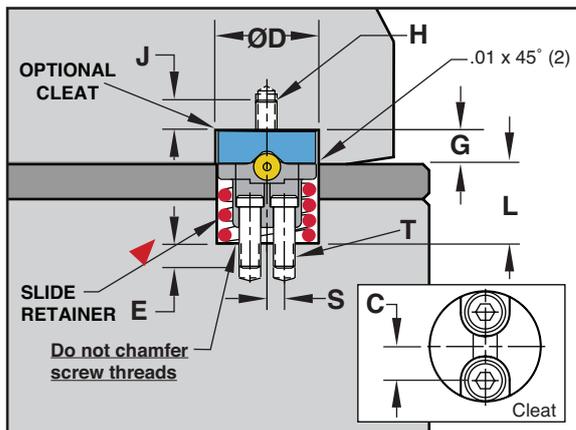


Metric Standard

Roller: **M** M-2 **H** 60-62 HRC **S** Titanium Nitride Coated 80 HRC

SLIDE RETAINER								CLEAT				
SLIDE RETAINER CATALOGUE NUMBER	Max Weight Per Unit (kgs)	ØD +1 -0	L ±.025	S ±.05	T Screws (2)	E Minimum Thread Depth	Color	CLEAT CATALOGUE NUMBER	G ±.025	C ±.05	H Screws (2)	J Minimum Thread Depth
SRTM-01	1	15.9	4.06	3.95	M3 - .5	1.9	GRN	SRTMC-04	6.35	4.85	M3 - .5	6.35
SRTM-02	2						BLU					
SRTM-04	4						RED					
SRTM-09	9	19.1	12.70	3.80	M4 - .7	4.8	GRN	SRTMC-13	6.35	6.35	M3 - .5	6.35
SRTM-13	13						BLU					
SRTM-22	22	22.3	19.05	3.80	M4 - .7	6.2	RED	SRTMC-36	6.35	7.60	M3 - .5	6.35
SRTM-36	36						YEL					
SRTM-18	18	28.2	21.75	5.20	M6 - 1.0	12.0	BLU	SRTMC-34	6.35	10.50	M3 - .5	6.35
SRTM-28	28						RED					
SRTM-34	34						YEL					

Cleats sold separately.



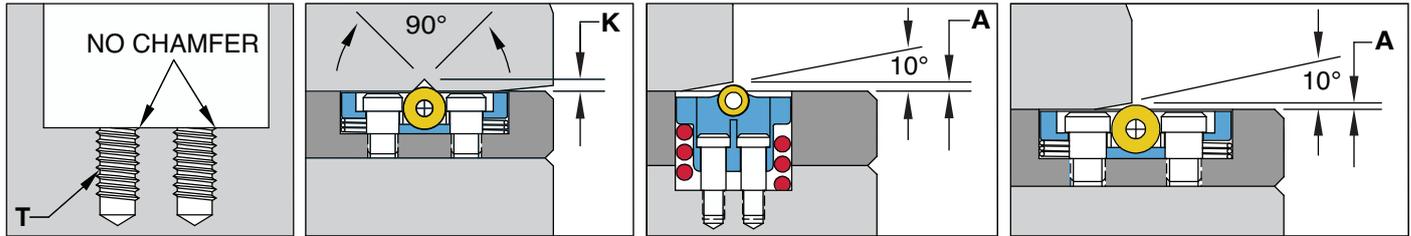
Select the single Slide Retainer to match the slide weight.

Or add the force of multiple Slide Retainers to match the slide weight.

SRT DESIGN GUIDELINES

Technical Information:

- Maximum operating temperature is 425° F (218° C).
- Match total Slide Retainers Spring force to slide weight; excess spring force could induce wear.
- Do not chamfer screw threads.
- Machine 10° lead-in on all slides to aid in assembly once the SRT is installed.
- Optional Bases and Bushings shown on the following page allow for installation in plates made from materials such as aluminum, copper, and bronze and contain the screw/thread installation.



RETAINER CATALOGUE NUMBER	T Thread (2)	Tap Class Required	K V-Groove	A 10° Angle Lead - In
SRT-02	#4-48	2B GH2	.041"	.02"
SRT-04				
SRT-10				
SRT-20	#8-32	2B GH3	.078"	.04"
SRT-30				
SRT-50	#8-32	2B GH3	.078"	.05"
SRT-80				
SRT-40	1/4-20	2B GH3	.102"	.07"
SRT-60				
SRT-75				
SRTM-01	M3 - .5	6H D3	1 mm	.50 mm
SRTM-02				
SRTM-04				
SRTM-09	M4 - .7	6H D4	2 mm	1.00 mm
SRTM-13				
SRTM-22	M4 - .7	6H D4	2 mm	1.27 mm
SRTM-36				
SRTM-18	M6 - 1.0	6H D4	2.6 mm	1.85 mm
SRTM-28				
SRTM-34				



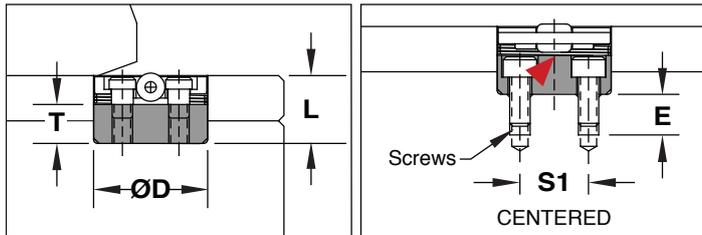


SLIDE RETAINERS BASES & BUSHINGS

For installation in aluminum or other materials, the SRT Bases and Bushings can expedite installation of the Slide Retainers.

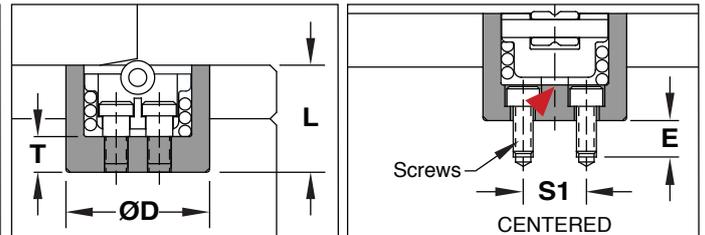


SRT BASES



SRT Bases enable the Slide Retainer to be installed in a hardened plate when mould base steel is aluminum, for example. (SRTBA-10 shown in graphics.)

SRT BUSHINGS



SRT Bushings accept the standard Slide Retainer to allow for installation in soft materials (aluminum, copper bronze, etc.) Also, the SRT Bushing can provide hardened guidance against wear rather than bearing on a bronze wear plate. (SRTBU-30 shown in graphics.)

Inch Standard

Base: **M** D-2 **H** 58-60 HRC

Bushing: **M** D-2 **H** 58-60 HRC

CATALOGUE NUMBER	ØD +.005 -.000	L ±.001	SI ±.005	T	E REF	Screws (2)	USE WITH	CATALOGUE NUMBER	ØD +.001 -.000	L +.002 -.000	SI ±.005	T	E REF	Screws (2)
SRTBA-10	.625	.375	.375	.215	.220	#4-40 x .31	SRT-02	SRTBU-10	.875	.375	.375	.215	.220	#4-40 x .31
							SRT-04							
							SRT-10							
SRTBA-30	.750	.750	.440	.250	.280	#6-32 x .37	SRT-20	SRTBU-30	1.000	.750	.440	.250	.280	#6-32 x .37
							SRT-30							
SRTBA-80	.875	1.000	.500	.250	.280	#6-32 x .37	SRT-50	SRTBU-80	1.125	1.000	.500	.250	.280	#6-32 x .37
							SRT-80							
SRTBA-75	1.125	1.300	.625	.443	.380	#10-32 x 50	SRT-40	SRTBU-75	1.500	1.300	.625	.443	.380	#10-32 x 50
							SRT-60							
							SRT-75							

Metric Standard

Base: **M** D-2 **H** 58-60 HRC

Bushing: **M** D-2 **H** 58-60 HRC

CATALOGUE NUMBER	ØD +.1 -.0	L ±.03	SI ±.1	T	E REF	Screws (2)	USE WITH	CATALOGUE NUMBER	ØD +.03 -.00	L +.05 -.00	SI ±.1	T	E REF	Screws (2)
SRTMBA-04	15.9	9.56	8.0	5.50	5.30	M2.5-.45 x 8	SRTM-01	SRTMBU-04	22.3	9.50	8.0	5.44	5.35	M2.5-.45 x 8
							SRTM-02							
							SRTM-04							
SRTMBA-13	19.1	19.05	11.0	6.35	4.95	M3-.5 x 8	SRTM-09	SRTMBU-13	25.4	19.10	11.0	6.35	4.95	M3-.5 x 8
							SRTM-13							
SRTMBA-36	22.3	25.40	13.0	6.35	4.95	M3-.5 x 8	SRTM-22	SRTMBU-36	28.5	25.40	13.0	6.35	4.95	M3-.5 x 8
							SRTM-36							
SRTMBA-34	28.2	33.00	16.0	11.25	9.90	M5-.8 x 12	SRTM-18	SRTMBU-34	37.0	33.00	16.0	11.25	9.90	M5-.8 x 12
							SRTM-28							
							SRTM-38							

► CAD insertion point