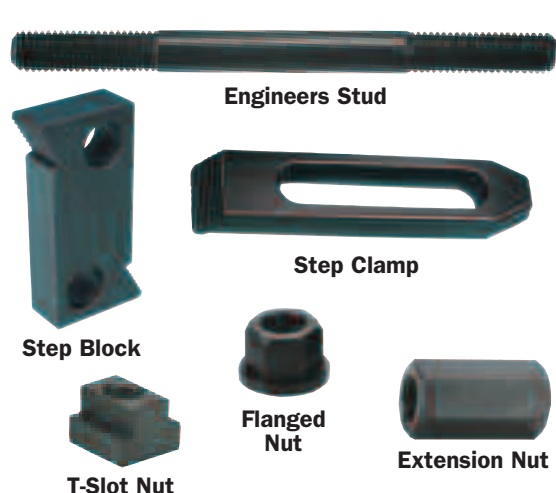




Designed to save set up time and solve most clamping problems. Manufactured to high standards. All step clamps are forged and hardened and the step blocks are made from high quality steel. All components (other than the studs) are heat treated and finished in black oxide. Available to suit a full range of metric and imperial T-Slot widths. Supplied in steel racks which can be wall mounted or fitted to workbenches for ease of storage (except M16 set which is supplied in wooden box).



58 Pieces Metric Sets (Quantity of each component part given in brackets)

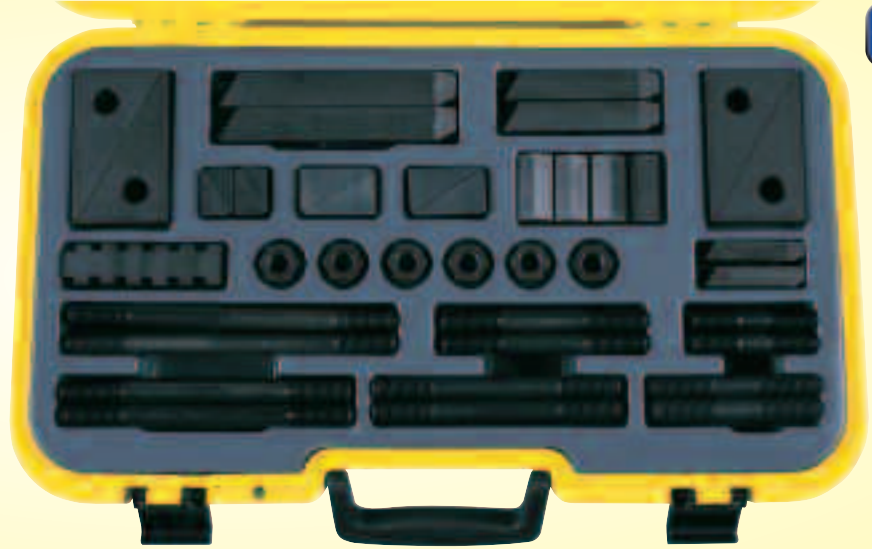
Product Number	Table Slot Size x W x L (mm)	Thread Size	Engineer's Stud L x Thread L (mm)	Step Clamp L x W x H (mm)	Extension Nuts	Flange Nuts	Step Blocks (Pairs) H Adj. Range	Weight each	Order Code ATL-425
CK120100	12 x 18 x 14 (6)	M10	75 x 30 (4) 100 x 30 (4) 125 x 30 (4) 150 x 30 (4) 175 x 30 (4) 200 x 30 (4)	55 x 25 x 12 (2) 88 x 25 x 16 (2) 128 x 28 x 19 (2)	M10 x 30mm Long (4)	M10 x 15mm (6)	28 20 - 38 (4) 35 28 - 64 (4) 98 64 - 152 (4)	10kg	-1120K
CK140120	14 x 22 x 16 (6)	M12	75 x 35 (4) 100 x 35 (4) 125 x 35 (4) 150 x 35 (4) 175 x 35 (4) 200 x 35 (4)	64 x 28 x 12 (2) 100 x 32 x 19 (2) 150 x 32 x 22 (2)	M12 x 36mm Long (4)	M12 x 18mm (6)	28 20 - 38 (4) 35 28 - 64 (4) 98 64 - 152 (4)	12kg	-1140K
CK160140	16 x 25 x 18 (6)	M14	75 x 35 (4) 100 x 35 (4) 125 x 35 (4) 150 x 35 (4) 175 x 35 (4) 200 x 35 (4)	64 x 28 x 12 (2) 100 x 32 x 19 (2) 150 x 32 x 22 (2)	M14 x 42mm Long (4)	M14 x 21mm (6)	28 20 - 38 (4) 35 28 - 64 (4) 98 64 - 152 (4)	12kg	-1160K
CK180140	18 x 25 x 18 (6)	M14	75 x 35 (4) 100 x 35 (4) 125 x 35 (4) 150 x 35 (4) 175 x 35 (4) 200 x 35 (4)	64 x 28 x 12 (2) 100 x 32 x 19 (2) 150 x 32 x 22 (2)	M14 x 42mm Long (4)	M14 x 21mm (6)	28 20 - 38 (4) 35 28 - 64 (4) 98 64 - 152 (4)	12kg	-1180K
CK200160	20 x 28 x 20 (6)	M16	75 x 35 (4) 100 x 35 (4) 125 x 35 (4) 150 x 35 (4) 175 x 35 (4) 200 x 35 (4)	64 x 31 x 12 (2) 100 x 38 x 20 (2) 150 x 38 x 22 (2)	M16 x 48mm Long (4)	M16 x 24mm (6)	28 20 - 38 (4) 35 28 - 64 (4) 98 64 - 152 (4)	14kg	-1200K

58 Pieces Inch Sets (Quantity of each component part given in brackets)

Product Number	Table Slot Size x W x L (mm)	Thread Size	Engineer's Stud L x Thread L (mm)	Step Clamp L x H x W (mm)	Extension Nuts	Flange Nuts	Step Blocks (Pairs) H Adj. Range	Weight each	Order Code ATL-425
CK500375	1/2" x 11/16" x 17/32" (6)	3/8" UNC	3" x 1 1/4" (4) 4" x 1 1/4" (4) 5" x 1 1/4" (4) 6" x 1 1/4" (4) 7" x 1 1/4" (4) 8" x 1 1/4" (4)	2" x 1" x 1/2" (2) 3 1/2" x 1 1/4" x 3/4" (2) 5" x 1 1/4" x 7/8" (2)	3/8" UNC x 1" Long (4)	3/8" UNC 7/16" (6)	1 1/8" 3/4" - 1 1/2" (4) 1 3/4" 1 1/8" - 2 1/2" (4) 3 7/8" 2 1/2" - 6" (4)	10kg	-1320K
CK62500	9/16" x 7/8" x 6/8" (6)	1/2" UNC	3" x 1 1/4" (4) 4" x 1 1/2" (4) 5" x 1 1/2" (4) 6" x 1 1/2" (4) 7" x 1 1/2" (4) 8" x 1 1/2" (4)	2 1/2" x 1 1/8" x 1/2" (2) 2" x 1 1/4" x 3/4" (2) 6" x 1 1/4" x 7/8" (2)	1/2" UNC x 1 1/4" Long (4)	1/2" UNC 13/16" (6)	1 1/8" 3/4" - 1 1/2" (4) 1 3/4" 1 1/8" - 2 1/2" (4) 3 7/8" 2 1/2" - 6" (4)	12kg	-1360K
CK62550	5/8" x 7/8" x 6/8" (6)	1/2" UNC	3" x 1 1/4" (4) 4" x 1 1/2" (4) 5" x 1 1/2" (4) 6" x 1 1/2" (4) 7" x 1 1/2" (4) 8" x 1 1/2" (4)	2 1/2" x 1 1/8" x 1/2" (2) 2" x 1 1/4" x 3/4" (2) 6" x 1 1/4" x 7/8" (2)	1/2" UNC x 1 1/4" Long (4)	1/2" UNC 13/16" (6)	1 1/8" 3/4" - 1 1/2" (4) 1 3/4" 1 1/8" - 2 1/2" (4) 3 7/8" 2 1/2" - 6" (4)	12kg	-1400K
CK750625	3/4" x 1 3/8" x 1 1/8" (6)	5/8" UNC	3" x 1 1/4" (4) 4" x 1 1/2" (4) 5" x 1 1/2" (4) 6" x 1 1/2" (4) 7" x 1 1/2" (4) 8" x 1 1/2" (4)	2 1/2" x 1 1/8" x 1/2" (2) 2" x 1 1/4" x 3/4" (2) 6" x 1 1/4" x 7/8" (2)	5/8" UNC x 1 5/8" Long (4)	5/8" UNC 13/16" (6)	1 1/8" 3/4" - 1 1/2" (4) 1 3/4" 1 1/8" - 2 1/2" (4) 3 7/8" 2 1/2" - 6" (4)	12kg	-1480K

INDEXA *Indexa T-Slot Clamping Kits*

Designed to save set up time and solve most T-Slot clamping problems.
All components are manufactured from **S45C (JIS)/CK45 (DIN)** grade non-alloy carbon steel, heat treated to HRC 28 - 32 and have a manganese phosphate surface finish.
Supplied in a robust plastic case.



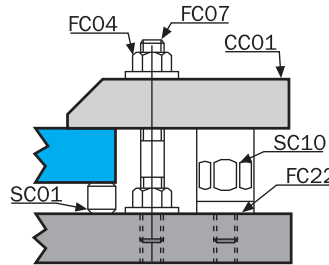
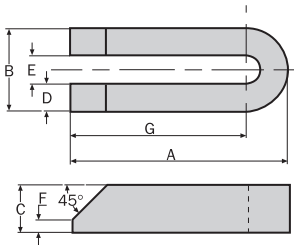
T-Slot Size	Thread Size	Part Number	Weight each	Order Code
12mm	M10	TK10	9.0kg	-3610T
14mm	M12	TK12	10.0kg	-3612T
16mm	M14	TK14	11.0kg	-3614T
18mm	M16	TK16	14.0kg	-3616T
20mm	M18	TK18	20.5kg	-3618T

INDEXA *CC01 - U-Clamp*

Open end permits quick and easy installation.



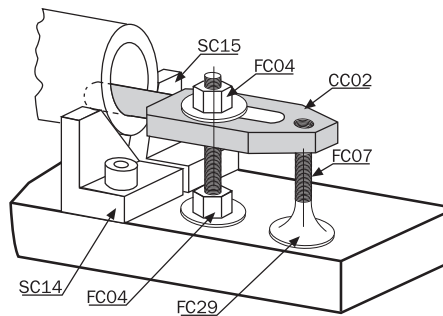
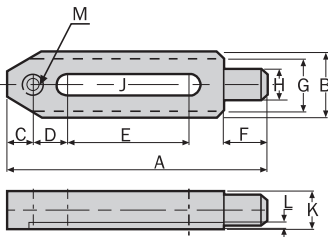
Material: Medium Carbon Steel.
Heat treated to: HRC 32 - 38.
Surface finish: Black Oxide.



Product Number	Length x Width A x B	Dimensions (mm)					Weight each	Order Code
		C	D	E	F	G		IND-425
CC010112	100 x 38mm	22	12.5	13	6	81	0.41kg	-1005D
CC010316	150 x 50mm	30	16.5	17	8	125	1.10kg	-1005J
CC010420	200 x 60mm	35	19.5	21	10	170	2.10kg	-1005M

CC02 - Bore Clamp

The cylindrical pin minimises the contact area.
This clamp is for clamping inside horizontal bores and onto concave surfaces.



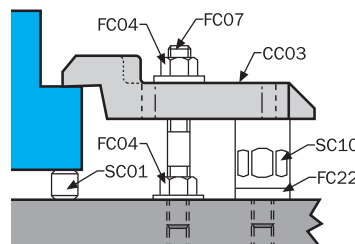
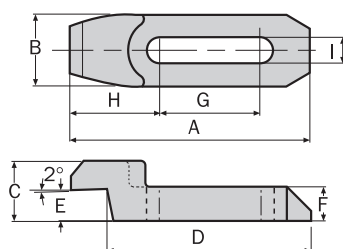
Material: Medium Carbon Steel.
Heat treated to: HR C32 - 38.
Surface finish: Black Oxide.



Product Number	Length x Width A x B	Dimensions (mm)										Weight each	Order Code
		C	D	E	F	G	H	J	K	L	M		IND-425
CC020112	150 x 38mm	15	20	70	25	30	18	13	22	4	M12	0.58kg	-1010D
CC020216	150 x 48mm	20	25	40	35	40	24	17	32	5	M16	1.12kg	-1010G

CC03 - Swan Necked Clamp

Low profile design helps eliminate cutter interference.



Material: Medium Carbon Steel.
Heat treated to: HRC 32 - 38.
Surface finish: Black Oxide.



Product Number	Length x Width A x B	Dimensions (mm)							Weight each	Order Code
		C	D	E	F	G	H	I		IND-425
CC030216	150 x 48mm	48	130	25	25	55	60	17	1.30kg	-1015K
CC030320	175 x 60mm	60	150	30	30	65	70	21	2.26kg	-1015N
CC030112	120 x 36mm	30	102	16	17	50	45	13	0.49kg	-1015H

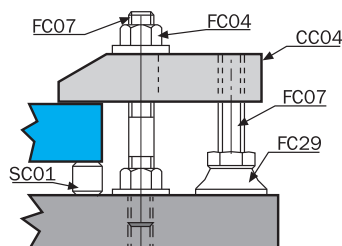
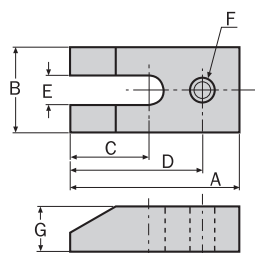
PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

INDEXA CC04 - Tapped End U-Clamp

Open end design permits easy assembly.



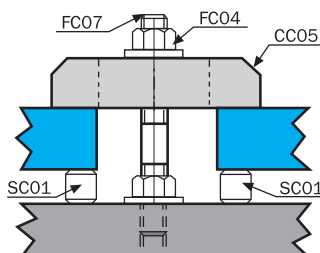
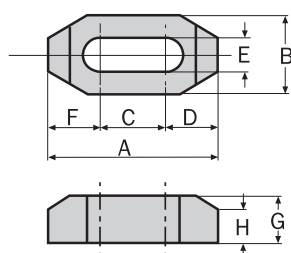
Material: Medium Carbon Steel.
Heat treated to: HRC 32 - 38.
Surface finish: Black Oxide.



Product Number	Length x Width A x B	Dimensions (mm)					Weight each	Order Code
		C	D	E	F	G		
CC040616	150 x 50mm	95	130	17	M16	25	1.50kg	IND-425 -1020R

CC05 - Plain Clamp

Material: Medium Carbon Steel.
Heat treated to: HRC 32 - 38.
Surface finish: Black Oxide.

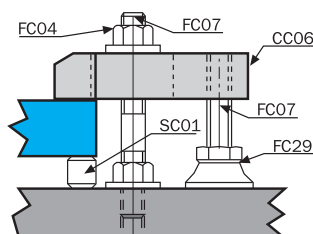
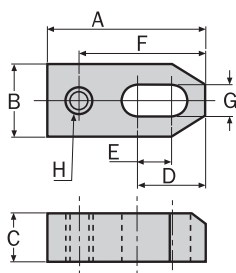


Product Number	Length x Width A x B	Dimensions (mm)						Weight each	Order Code
		C	D	E	F	G	H		
CC050112	65 x 32mm	25	20.0	13	20.0	19	13	0.22kg	IND-425 -1025D
CC050212	100 x 32mm	40	30.0	13	30.0	19	13	0.33kg	-1025G
CC050316	80 x 38mm	24	28.0	17	28.0	22	14	0.34kg	-1025J
CC050416	125 x 38mm	41	42.0	17	42.0	22	14	0.57kg	-1025M
CC050520	100 x 38mm	32	34.0	21	34.0	22	14	0.41kg	-1025P
CC050620	125 x 38mm	40	42.5	21	42.5	25	15	0.62kg	-1025R

CC06 - Tapped End Plain Clamp

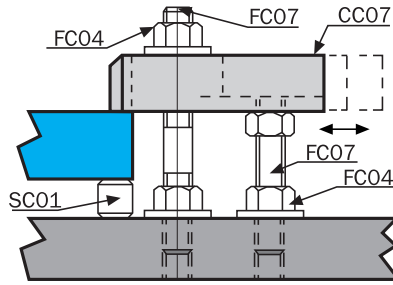
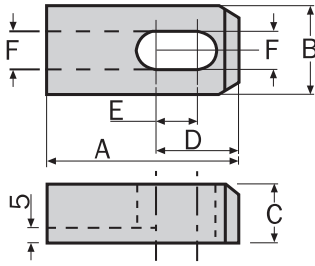
For use with various knobs, jack screws, clamps and pads.

Material: Medium Carbon Steel.
Heat treated to: HRC 32 - 38.
Surface finish: Black Oxide.



Product Number	Length x Width A x B	Dimensions (mm)						Weight each	Order Code
		C	D	E	F	G	H		
CC060112	65 x 32mm	19	32	14	52	13	M12	0.22kg	IND-425 -1030D
CC060212	80 x 32mm	19	48	25	69	13	M12	0.27kg	-1030F
CC060312	100 x 32mm	19	60	40	89	13	M12	0.33kg	-1030H
CC060416	80 x 38mm	19	40	17	65	17	M16	0.32kg	-1030J
CC060516	100 x 38mm	25	55	30	85	17	M16	0.53kg	-1030L
CC060616	125 x 38mm	25	70	45	110	17	M16	0.65kg	-1030N
CC060720	150 x 50mm	25	82	50	134	21	M20	1.10kg	-1030P
CC060820	200 x 50mm	25	112	80	184	21	M20	1.90kg	-1030R

INDEXA **CC07 - Slotted End Clamp**



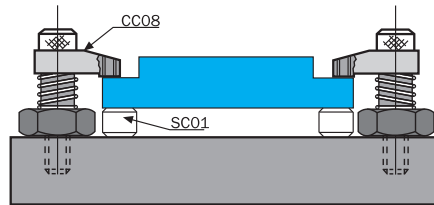
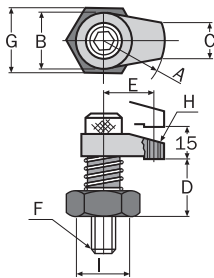
Material: Medium Carbon Steel.
Hardness: HRC 32 - 38.
Surface finish: Black Oxide.



Product Number	Length x Width A x B	Dimensions (mm)					Weight each	Order Code
		C	D	E	F			IND-425
CC070212	80 x 32mm	22	48	25	13		0.31kg	-1035F
CC070616	125 x 38mm	25	70	45	17		0.65kg	-1035N

CC08 - Swing Clamp

A small clamp with good holding power, ideal for tight spaces, full swing away feature permits easy part loading.



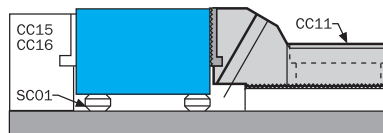
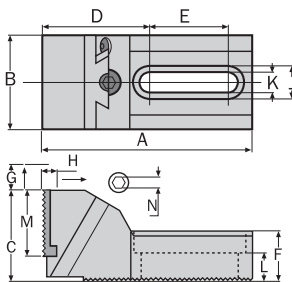
Material: Case Hardened Steel.
Hardness: HRC 38 - 42.
Surface finish: Black Oxide.



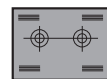
Product Number	Length x Width A x B	Dimensions (mm)								Weight each	Order Code
		C	D	E	F	G	H	I			IND-425
CC080112	30 x 28mm	16	40	-	M12	29	-	21		0.29kg	-1040D
CC080212	50 x 32mm	20	45	40	M12	36	M12	26		0.50kg	-1040G
CC080316	60 x 40mm	25	45	45	M16	41	M16	32		0.75kg	-1040J

CC11 - Free Vise Jaw

Clamping force in two directions, with serrated jaws for holding large or irregular shapes.



Serrated



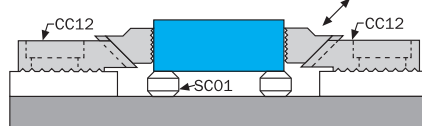
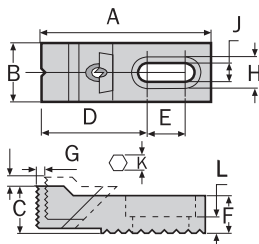
Material: Body: Grey Cast Iron.
Jaw: Medium Carbon Steel EN8D.
Hardness: Jaw Only: HRC 45 - 48.
Surface finish: Jaw: Black Oxide.



Product Number	Type	Length x Width A x B	Dimensions (mm)												Weight each	Order Code
			C	D	E	F	G	H	J	K	L	M	N			IND-425
CC110112	Serrated	133 x 60mm	54.5	68	50	32	16	6	22	13	16.8	42	10		2.0kg	-1045D

CC12 - Adjustable Clamp

Low profile clamp that keeps top surfaces clear for machining. Ideal for rough or finished parts.



Ground

Serrated



Material: Medium Carbon Steel.
Hardness: Jaw Only: HRC 38.
Surface finish: Black Oxide.
Jaws: Surface treated with high frequency quenching.

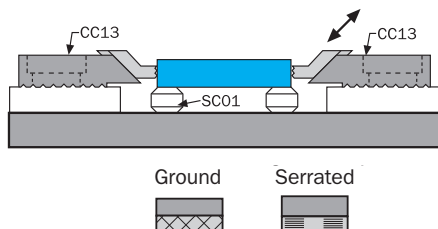
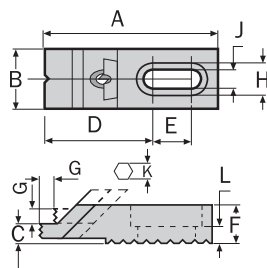


Product Number	Type	Length x Width x Height A x B x C	Dimensions (mm)								Weight each	Order Code
			D	E	F	G	H	J	K	L		IND-425
CC120108		73.45 x 25 x 18mm	46.95	16.5	16	7	14	8.5	4	7	0.18kg	-1050D
CC120212	Serrated	106.64 x 35 x 27.5mm	62.14	30.0	22	12	20	13.5	6	9	0.52kg	-1050F
CC120316		134.64 x 40 x 37.5mm	82.14	35.0	30	14	26	17.0	8	13	1.02kg	-1050H
CC120408		72.00 x 25 x 20.0mm	45.00	16.0	16	7	14	8.5	4	7	0.16kg	-1050J
CC120512	Ground	104.64 x 35 x 27.5mm	62.14	30.0	22	12	20	13.5	6	9	0.52kg	-1050M
CC120616		134.64 x 40 x 37.5mm	82.14	35.0	30	14	26	17.0	8	13	1.02kg	-1050R

GROUP 425 CLAMPING FIXTURES

INDEXA CC13 - Adjustable Stepped Clamp

Low profile clamp for holding thin parts and keeping top surfaces clear for machining.

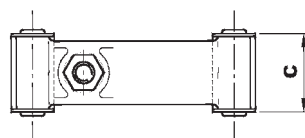
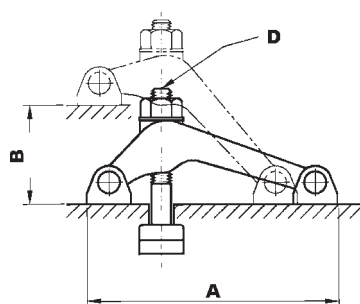


Material: Medium Carbon Steel.
Heat treated to: HRC 38.
Surface finish: Black Oxide.
Jaws: Surface treated with high frequency quenching.



Product Number	Type	Length x Width x Height A x B x C	Dimensions (mm)								Weight each	Order Code
			D	E	F	G	H	J	K	L		
CC130108	Serrated	73.45 x 25 x 18mm	46.95	16.5	16.5	7	14	8.5	5	7	0.18kg	-1055D
CC130212		106.64 x 35 x 27.5mm	64.14	30.0	22.0	12	20	13.5	6	9	0.52kg	-1055F
CC130316	Ground	133.14 x 40 x 14mm	90.00	30.0	30.0	14	26	17.0	8	13	0.85kg	-1055H
CC130512		105 x 35 x 27.5mm	64.14	26.0	22.0	12	20	13.5	6	9	0.52kg	-1055M

CC19 - Forged Swivel Clamp

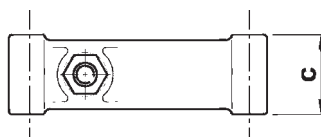
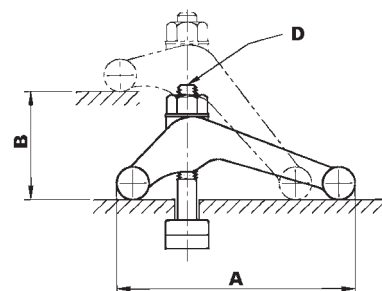


Material: Medium Carbon Steel/Steel Forging.
Heat treated to: 32 - 38°.
Surface finish: Black Oxide.



Product Number	Length x Width A x B	Dimensions (mm)		Weight each	Order Code
		C	D		
CC19-NC50	131 x 75mm	46.5	M12-125	1.50kg	-1085D

CC20 - Forged Swivel Clamp

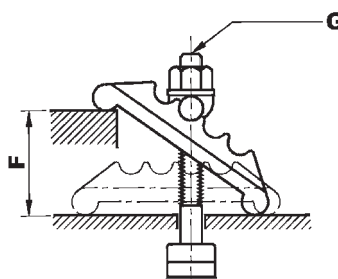
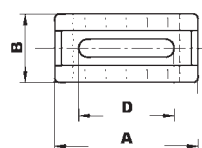
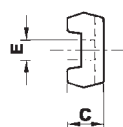


Material: Medium Carbon Steel/Steel Forging.
Heat treated to: 32 - 38°.
Surface finish: Black Oxide.



Product Number	Length x Width A x B	Dimensions (mm)		Weight each	Order Code
		C	D		
CC20-NC6	150 x 85mm	52	M16-150	2.42kg	-1090M
CC20-NC8	194 x 105mm	58	M20-175	4.50kg	-1090T

CC21 - Swivel Rack Clamp



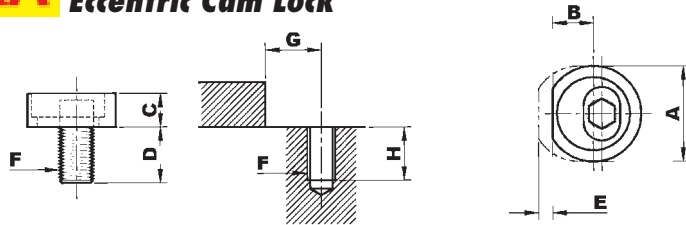
Material: Medium Carbon Steel/Steel Forging.
Surface finish: Black Oxide.



Product Number	Length x Width A x B	Dimensions (mm)					Weight each	Order Code
		C	D	E	F	G		
CC21-0216	125 x 56mm	33	84	18	65	M16	2.10kg	-1095M

INDEXA

CC24 - Eccentric Cam Lock

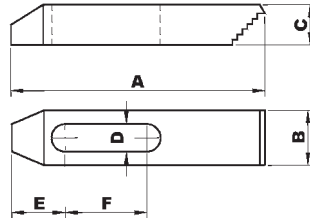


Material: Medium Carbon Steel.
Hardness: HRC 35.
Surface finish: Black Oxide.

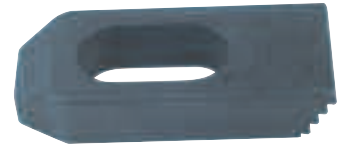


Product Number	Dimensions (mm)								Weight each	Order Code
	A	B	C	D	E	F	G	H		IND-425
CC240210	26	11.8	8	14.3	4	M10	12.5	22	.03kg	-1110C
CC240312	30	13.5	9	19	5	M12	14.5	22	.06kg	-1110G
CC240416	38	16.0	12	23	6	M16	17.5	26	.12kg	-1110P

CC25 - Step Clamp



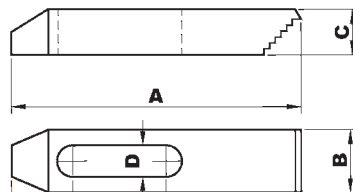
Material: Medium Carbon Steel.
Hardness: HRC 32 - 38.
Surface finish: Black Oxide.



Product Number	Length x Width A x B	Dimensions (mm)				To Suit Stud Size	Weight each	Order Code
		C	D	E	F			IND-425
CC251463	63 x 25mm	13	15	20	14	M14	0.12kg	-1130C
CC2514100	100 x 32mm	19	15	29	34	M14	0.38kg	-1130G
CC2514150	150 x 32mm	22	15	32	50	M14	0.68kg	-1130J
CC2516100	100 x 32mm	19	17	31	26	M16	0.42kg	-1135G
CC2516150	150 x 30mm	22	17	40	47	M16	0.72kg	-1135J

ATLAS WORKHOLDERS

Step Clamp



Material: Medium Carbon Steel.
Hardness: HRC 32 - 38.
Surface finish: Black Oxide.



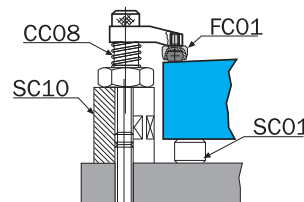
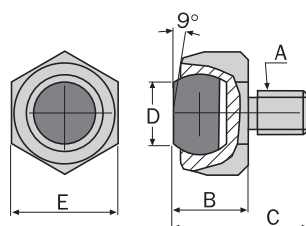
Product Number	To Suit Stud Size	Dimensions (mm)				Order Code
		A x B	C	D		ATL-425
SC105222		55 x 25	12	13		-2020K
SC108825	M10 ^{3/8} " UNC	88 x 25	16	11		-2040K
SC1012828		128 x 28	19	11		-2060K
SC126428		64 x 28	12	13		-2120K
SC1210032	M12 ^{1/2} " UNC	100 x 32	19	13		-2140K
SC1215032		150 x 32	22	13		-2160K

Product Number	To Suit Stud Size	Dimensions (mm)				Order Code
		A x B	C	D		ATL-425
SC146428		64 x 28	12	15		-2220K
SC1410035	M14	100 x 35	19	15		-2240K
SC1415032		150 x 32	22	15		-2260K
SC166432		64 x 32	12	17		-2420K
SC1610038	M16 ^{5/8} " UNC	100 x 38	20	17		-2440K
SC1615038		150 x 38	22	17		-2460K

INDEXA

FC01 - Plain Ball End

Precision swivel ball that can be used either as a contact bolt or rest pad. As contact pads these swivel ball units are ideal for evenly distributing clamping pressure on sloped or uneven surfaces.



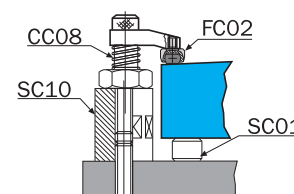
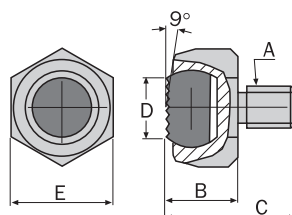
Material:
Body - Medium Carbon Steel.
Ball - Through Hardened Steel
EN 31.
Hardness:
Bolt - HRC 35.
Ball - HRC 62.
Surface finish:
Black Oxide.



Product Number	Thread A	Dimensions (mm)				Weight each	Order Code
		B	C	D	E		IND-425
FC010216	M16 x 2.00	26	42	14	27	0.14kg	-2010R

FC02 - Serrated Ball End

Precision swivel ball that can be used either as a contact bolt or rest pad. As contact pads these swivel ball units are ideal for evenly distributing clamping pressure on sloped or uneven surfaces.



Material:
Body - Medium Carbon Steel.
Ball - Through Hardened Steel
EN 31.
Hardness:
Bolt - HRC 35.
Ball - HRC 62.
Surface finish:
Black Oxide.



Product Number	Thread A	B	Dimensions (mm)			Weight each	Order Code
			C	D	E		IND-425
FC010112	M12 x 1.75	22	35	12	22	0.070kg	-2015J
FC010216	M16 x 2.00	26	42	14	27	0.14kg	-2015R

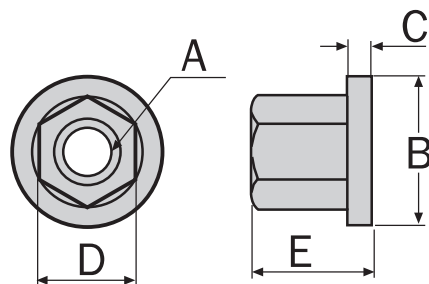
PRODUCTS ARE ONLY AVAILABLE VIA YOUR DISTRIBUTOR

GROUP 425 CLAMPING FIXTURES

INDEXA FC04 - Flanged Nut



Material: Medium Carbon Steel.
Hardness: HRC 30 - 35.
Surface finish: Black Oxide.

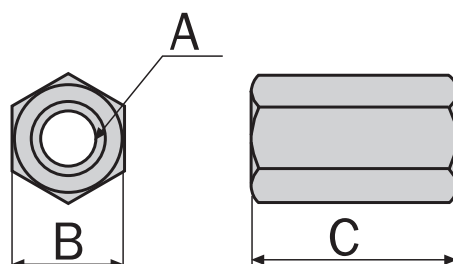


Product Number	Thread A	Dimensions (mm)				Weight each	Order Code
		B	C	D	E		
FC040110	M10	22	3	17	13	0.020kg	IND-425 -2025G
FC040212	M12	28	4	19	17	0.040kg	-2025K
FC040214	M14	28	4	22	17	0.040kg	-2025M
FC040316	M16	33	5	24	20	0.060kg	-2025P
FC040420	M20	40	6	30	25	0.110kg	-2025T

FC05 - Extension Nut

Extends the length of clamping studs.

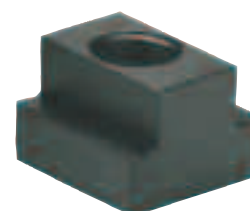
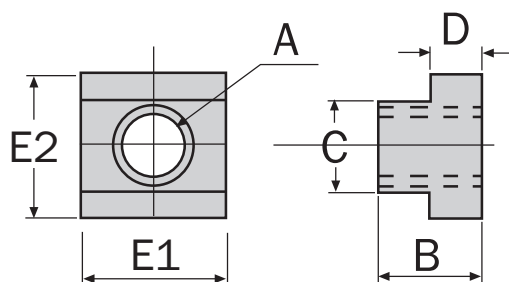
Material: Medium Carbon Steel.
Hardness: HRC 30 - 35.
Surface Finish: Black Oxide.



Product Number	Size A	Dimensions (mm)		Weight each	Order Code
		B	C		
FC050110	M10	17	30	0.030kg	IND-425 -2030F
FC050212	M12	19	36	0.046kg	-2030K
FC050314	M14	22	42	0.065kg	-2030M
FC050316	M16	24	48	0.110kg	-2030N
FC050420	M20	30	60	0.220kg	-2030R

FC06 - T-Slot Nut (Milled)

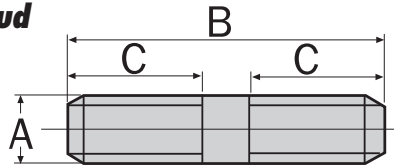
Material: Medium Carbon Steel.
Hardness: HRC 30 - 35.
Surface finish: Black Oxide.



Product Number	Size A	Dimensions (mm)					Weight each	Order Code
		B	C	D	E1	E2		
FC060110	M10	14.0	11.8	7.0	22	18.0	0.022kg	IND-425 -2035G
FC060212	M12	16.0	13.8	8.0	28	22.0	0.048kg	-2035K
FC050314	M14	16.0	15.8	8.0	28	25.0	0.057kg	-2035M
FC060316	M16	20.0	17.7	10.5	30	28.5	0.085kg	-2035P
FC060420	M20	25.0	22.0	14.0	38	36.0	0.190kg	-2035T



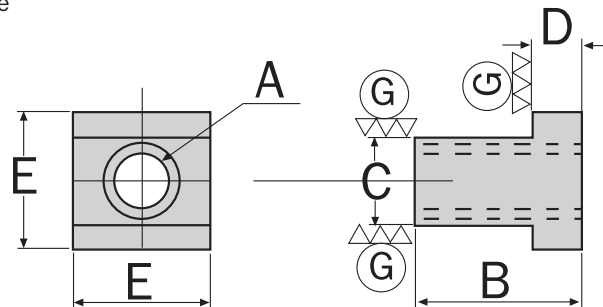
Material:
Medium Carbon Steel.
Hardness:
HRC 30 - 35.
Surface finish:
Black Oxide.



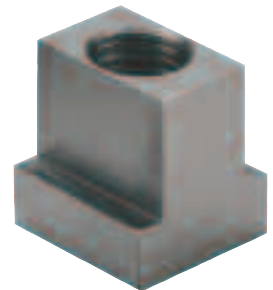
Product Number	Size A x B	Dimension C	Weight each	Order Code IND-425
FC070110	M10 x 50mm	22	30g	-2120S
FC070210	M10 x 75mm	30	42g	-2125S
FC070310	M10 x 100mm	38	55g	-2130S
FC070510	M10 x 150mm	50	90g	-2140S
FC070612	M12 x 50mm	22	40g	-2145S
FC070712	M12 x 75mm	30	60g	-2150S
FC070812	M12 x 100mm	38	80g	-2155S
FC070912	M12 x 125mm	38	100g	-2160S
FC071012	M12 x 150mm	50	125g	-2165S
FC071112	M12 x 200mm	65	160g	-2170S
FC071212	M12 x 300mm	80	240g	-2175S
FC071214	M14 x 75mm	30	65g	-2176S
FC071214	M14 x 100mm	38	85g	-2177A
FC071214	M14 x 125mm	38	105g	-2177G
FC071214	M14 x 150mm	50	130g	-2177K
FC071214	M14 x 200mm	65	165g	-2177T
FC071316	M16 x 75mm	20	120g	-2180S
FC071416	M16 x 100mm	38	145g	-2185S
FC071516	M16 x 125mm	38	180g	-2190S
FC071616	M16 x 150mm	50	230g	-2195S
FC071616	M16 x 175mm	50	240g	-2197S
FC071716	M16 x 200mm	65	290g	-2200S
FC071816	M16 x 250mm	65	350g	-2205S
FC071916	M16 x 300mm	80	450g	-2210S
FC072016	M16 x 400mm	100	580g	-2215S
FC072116	M16 x 500mm	100	700g	-2220S
FC072220	M20 x 75mm	30	170g	-2225S
FC072320	M20 x 100mm	38	230g	-2230S
FC072420	M20 x 125mm	38	280g	-2235S
FC072520	M20 x 150mm	50	360g	-2240S
FC072620	M20 x 200mm	65	450g	-2245S
FC072720	M20 x 250mm	65	550g	-2250S
FC072820	M20 x 300mm	80	700g	-2255S
FC072920	M20 x 400mm	100	880g	-2260S
FC073020	M20 x 500mm	100	1100g	-2265S

**FC08 - T-Slot Nut (Ground)**

Ground surfaces provide accurate positioning inside of T-slot.



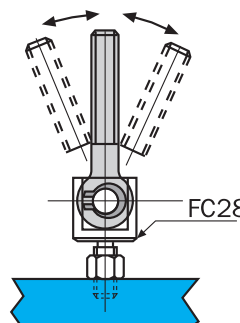
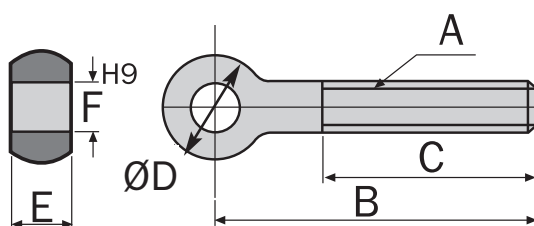
Material: Medium Carbon Steel.
Hardness: HRC 30 - 35.



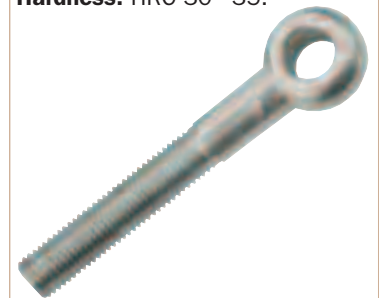
Product Number	Thread A	Dimensions (mm)				Weight each	Order Code IND-425
FC008112	M12	22	14	8	22	45g	-2505J
FC008216	M16	30	18	10	28	80g	-2505R

FC09 - Swing Bolt

Reamed hole for smooth swivelling.



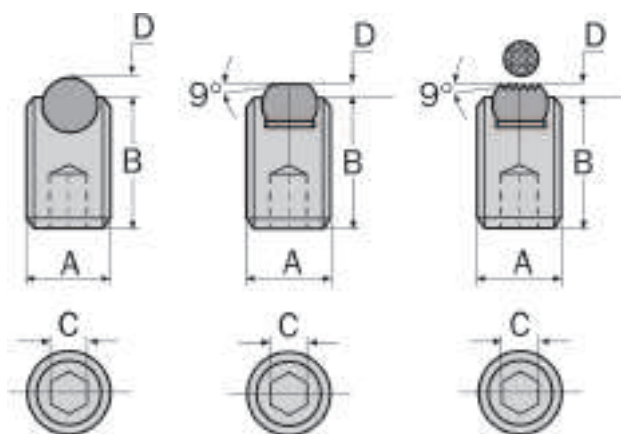
Material: Medium Carbon Steel.
Hardness: HRC 30 - 35.



Product Number	Size A x B	Dimensions (mm)				Weight each	Order Code IND-425
FC040110	M10 x 75mm	40	20	12	10	60g	-2510E
FC090210	M10 x 100mm	40	20	12	10	80g	-2510H
FC090412	M12 x 100mm	60	25	14	12	120g	-2510N
FC090516	M16 x 125mm	60	32	17	16	250g	-2510P
FC090616	M16 x 150mm	75	32	17	16	300g	-2510R

GROUP 425 CLAMPING FIXTURES

INDEXA FC16 - Swivel Clamping Screw



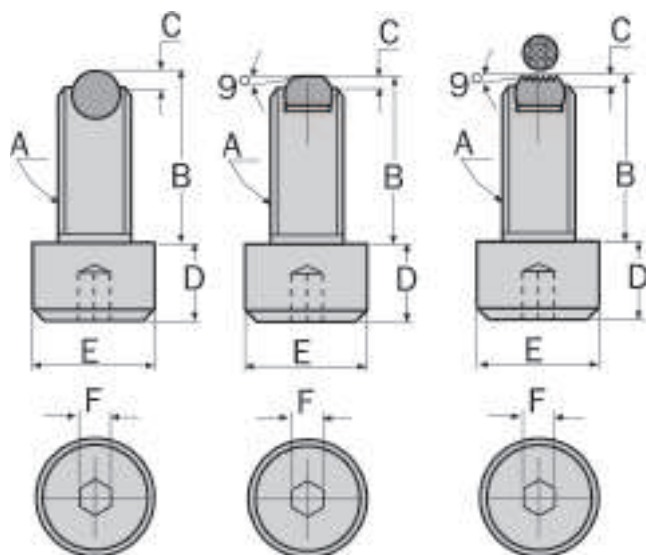
Material:
Body - Medium Carbon Steel **EN198**.
Point - Through Hardened Steel **EN 31**.
Hardness:
Body - HRC 32 - 38.
Point - HRC 62.
Surface finish:
Point - Hardened and Ground.



Ball Point Dog Point Serrated Point

Ball Point					Dog Point					Serrated Point				
Thread x Length	mm	Weight	Product	mm	Order Code	Product	mm	Order Code		Product	mm	Order Code		
A x B	C	each	Number	D	IND-425	Number	D	IND-425		Number	D	IND-425		
M6 x 15mm	3	2.4g	FC160206	1.4	-2610H	-	-	-		-	-	-		
M6 x 25mm	3	3.8g	FC160306	1.4	-2610N	-	-	-		-	-	-		
M8 x 12mm	4	3.2g	FC160408	1.9	-2615D	FC162208	0.6	-2645D		-	-	-		
M8 x 20mm	4	5.8g	FC160508	1.9	-2615H	FC162308	0.6	-2645H		-	-	-		
M8 x 30mm	4	9.0g	FC160608	1.9	-2615N	-	-	-		-	-	-		
M10 x 15mm	5	6.7g	FC160710	2.4	-2620D	-	-	-		-	-	-		
M10 x 25mm	5	11.2g	FC160810	2.4	-2620H	FC162610	0.7	-2650H		-	-	-		
M10 x 35mm	5	16.2g	-	-	-	FC162710	0.7	-2650N		-	-	-		
M12 x 30mm	6	20.0g	-	-	-	FC162912	0.9	-2655H		-	-	-		
M12 x 50mm	6	40.0g	FC161312	2.9	-2625T	-	-	-		-	-	-		
M16 x 55mm	8	55.0g	-	-	-	FC163516	1.0	-2660R		-	-	-		
M16 x 65mm	8	65.0g	-	-	-	-	-	-		FC165416	1.0	-2690T		

FC17 - Swivel Shoulder Clamping Screw



Material:
Body - Medium Carbon Steel **EN198**.
Point - Through Hardened Steel **EN 31**.
Hardness:
Body - HRC 32 - 38.
Point - HRC 62.
Surface finish:
Point - Hardened and Ground.

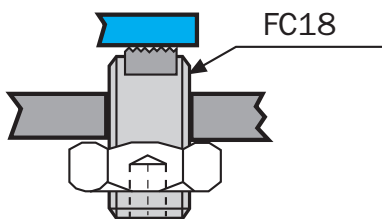
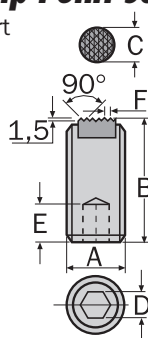


Ball Point Dog Point Serrated Point

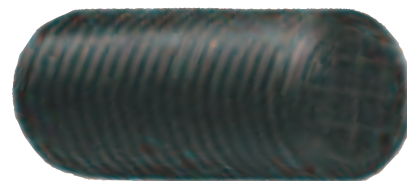
Ball Point					Dog Point					Serrated Point				
Thread x L	Dimensions	Weight	Product	mm	Order Code	Product	mm	Order Code		Product	mm	Order Code		
A x B (mm)	D E F	each	Number	C	IND-425	Number	C	IND-425		Number	C	IND-425		
M8 x 40	8 13 6	24g	FC170608	1.9	-2725N	-	-	-		-	-	-		
M12 x 65	12 18 10	70g	FC171212	2.9	-2735N	-	-	-		-	-	-		
M16 x 40	16 24 14	90g	FC171416	4.0	-2740D	-	-	-		-	-	-		

INDEXA FC18 - Grip Point Screw

Multipurpose work support and clamping unit, ideal for rough parts.



Material: Medium Carbon Steel **EN19B**.
Hardness: HRC 32 - 38.
Tooth plate HRC 60.
Serrated surface: Induction Hardened.
Surface finish: Black Oxide.

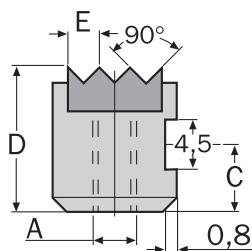
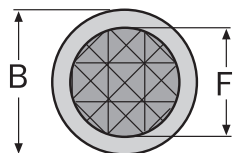


Product Number	Thread x Length A x B	Dimensions (mm)				Weight each
		C	D	E	F	
FC180110	M10 x 25mm	6.5	5	4	2.3	15g
FC180616	M16 x 50mm	11.5	8	6	3.0	78g

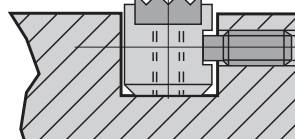
Order Code
IND-425
-2825D
-2825R

FC21 - Round Grip Pad

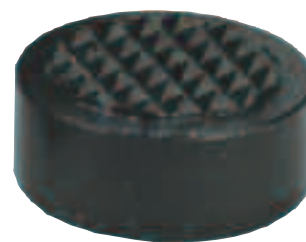
Multipurpose work support and clamping unit, ideal for rough parts.



FC21



Material: Hardened Steel **EN16M**.
Hardness: HRC 60.
Surface finish: Black Oxide.

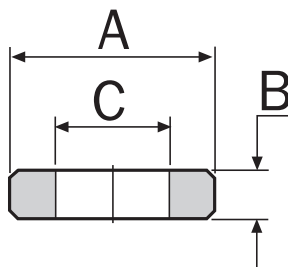


Product Number	Thread x Dia A x B	Dimensions (mm)				Weight each
		C	D	E	F	
FC210110	M5 x 10mm	3.4	10	2.3	8.1	5g
FC210212	M6 x 12mm	4.0	12	3.0	9.6	8g
FC210525	M6 x 25mm	4.0	12	3.0	19.5	40g

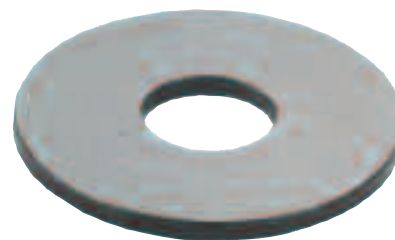
Order Code
IND-425
-2840D
-2840G
-2840P

FC22 - Spacer

For use with jig components for increasing height or extending length.

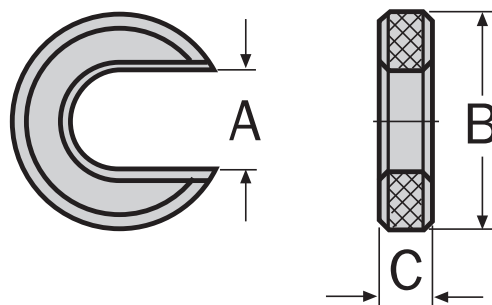


Material: Medium Carbon Steel.
Hardness: HRC 40.



Product Number	Dimensions (mm)			Weight each
	A	B	C	
FC220616	50	5	17	70g
FC220716	50	10	17	350g

Order Code
IND-425
-2845P
-2845T

FC23 - 'C' Washer

Material: Medium Carbon Steel.
Hardness: HRC 40.
Surface finish: Black Oxide.



Product Number	Dimensions (mm)			Weight each
	A	B	C	
CC010212	13	55	10	150g

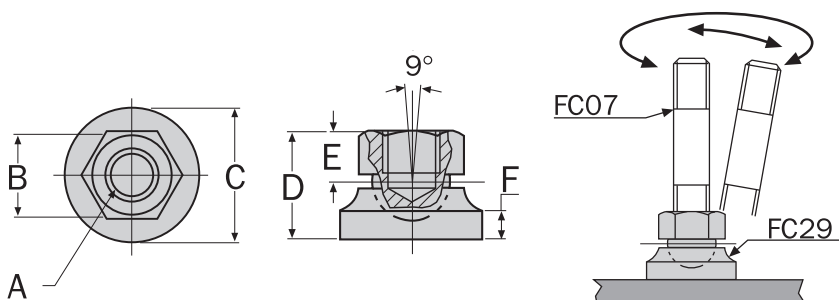
Order Code
IND-425
-2850G

INDEXA FC29 - Swivel Foot

Used for supporting uneven surfaces.

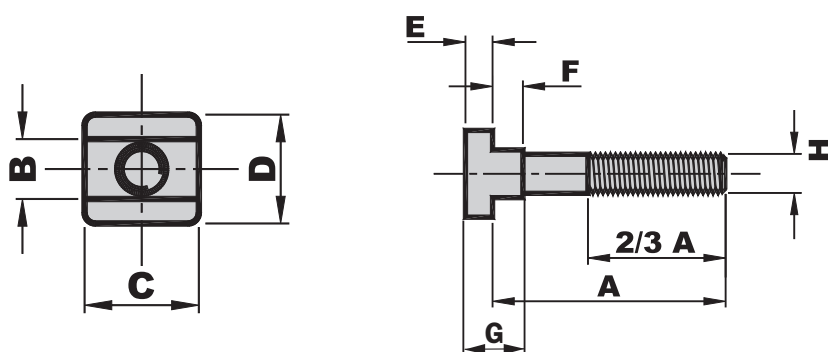


Material: Medium Carbon Steel.
Hardness: HRC 32 - 38.
Surface finish: Black Oxide.



Product Number	Size A	Dimensions (mm)						Weight each	Order Code
		B	C	D	E	F			
FC290112	M12	19	35	24	11	7		80g	-2870D
FC290216	M16	24	40	29	13	8		150g	-2870G

FC40 - T-Slot Bolt



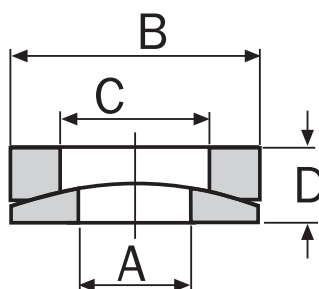
Material: Medium Carbon Steel.
Hardness: HRC 32 - 38.
Surface finish: Black Oxide.



Product Number	Dimensions (mm)								Weight each	Order Code
	A	B	C	D	E	F	G	H		
FC40-1250	50								54g	-2900D
FC40-1275	75								57g	-2900F
FC40-12100	100								110g	-2900H
FC40-12125	125	12	26	22	7	6	13	M12	125g	-2900K
FC40-12150	150								140g	-2900M
FC40-12175	175								170g	-2900P
FC40-12200	200								185g	-2900R
FC40-1650	50								130g	-2910D
FC40-1675	75								160g	-2910F
FC40-16100	100								200g	-2910H
FC40-16125	125	16	32	27	8	8	16	M16	230g	-2910K
FC40-16150	150								270g	-2910M
FC40-16175	175								305g	-2910P
FC40-16200	200								325g	-2910R
FC40-2075	75								290g	-2920F
FC40-20100	100								350g	-2920H
FC40-20125	125	20	40	30	11	11	22	M20	400g	-2920K
FC40-20150	150								455g	-2920M
FC40-20175	175								505g	-2920P
FC40-20200	200								560g	-2920R
FC40-24150	150	24	50	44	16	15	31	M24	775g	-2930M
FC40-24200	200								925g	-2930R

FC25 - Spherical Washer Set

2 piece washer set that compensates whenever a stud and clamping surface are not exactly perpendicular.



Material: Medium Carbon Steel.
Hardness: HRC 38.
Surface finish: Black Oxide.

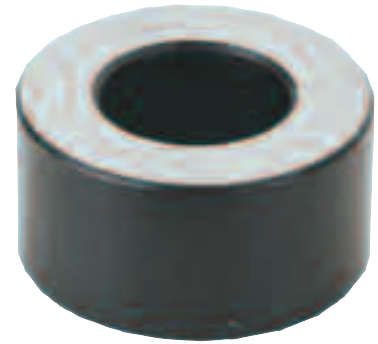
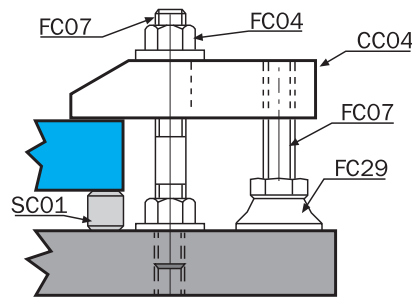
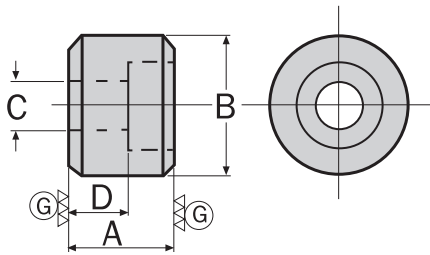


Product Number	Dimensions (mm)				Weight each	Order Code
	A	B	C	D		
FC250112	13	26	15	7.5	20g	-2860D
FC250216	17	32	19	9.0	30g	-2860G
FC250320	21	40	23	12.0	50g	-2860L

INDEXA **SC01 - Support Spacer**

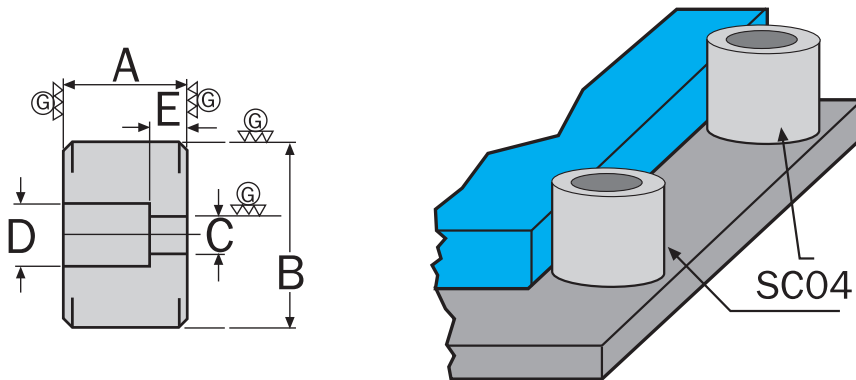


Material: Medium Carbon Steel.
Hardness: HRC 40.
Surface finish: Black Oxide.



Product Number	Height x Diameter A (±0.01) x B	Dimensions (mm)		Weight each	Order Code
		C	D		
SC010112	30 x 40mm	M12	17	240g	-3005D

SC04 - Location Collar

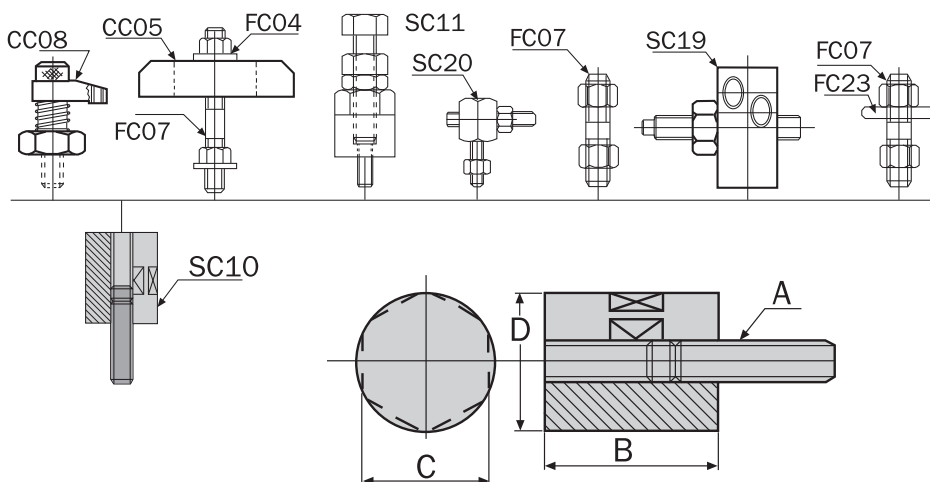


Material: Medium Carbon Steel.
Hardness: HRC 40.
Surface finish: Black Oxide.



Product Number	Height x Diameter A (±0.01) x B (±0.01)	Dimensions (mm)			Weight each	Order Code
		C	D	E		
SC040112	30 x 40mm	Ø 12	Ø 20	12	240g	-3020D
SC040212	40 x 40mm	Ø 12	Ø 20	12	320g	-3020F

SC10 - Extension Pillar



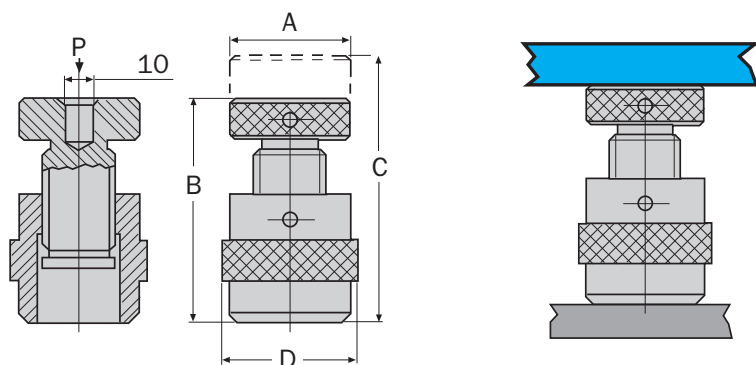
Material: Medium Carbon Steel.
Hardness: HRC 40.
Surface finish: Black Oxide.



Product Number	Height x Diameter A x B	Dimensions (mm)		Weight each	Order Code
		C	D		
SC100265	M12 x 65	36	40	540g	-3050F
SC100450	M16 x 50	46	50	820g	-3050J

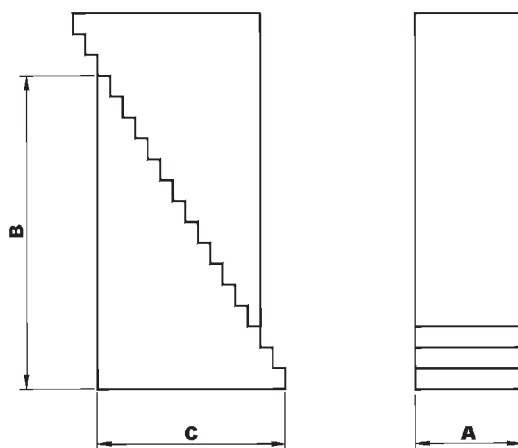


Material: Medium Carbon Steel.
Hardness: HRC 40.
Surface finish: Black Oxide.

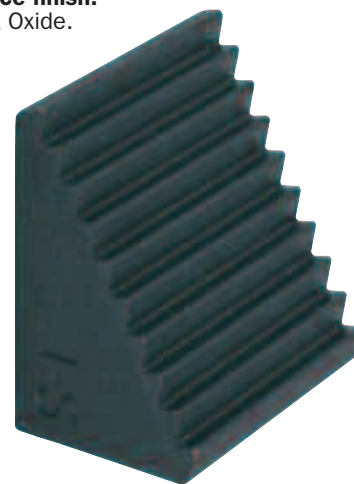


Product Number	Diameter x Height A x B (Min)	Dimensions (mm)		Holding Load (kN)	Weight each	Order Code
		C	D			IND-425
SC20032050	32 x 40mm	60	32	72	230g	-3057D
SC20070140	65 x 100mm	150	70	135	274g	-3057P

SU25 - Step Block

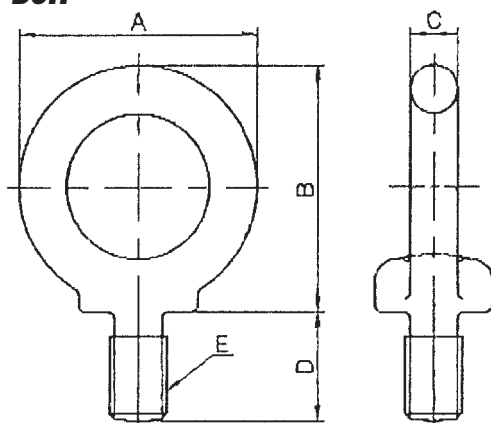


Material: Medium Carbon Steel.
Hardness: HRC 32 - 36.
Surface finish: Black Oxide.



Product Number	Supporting Height	Dimensions (mm)			Weight each	Order Code
		A	B	C		IND-425
SU252530	19 - 49		29	17	0.05kg	-3125E
SU252545	28 - 68	25	45	27	0.12kg	-3125H
SU252597	58 - 150		97.5	57	0.50kg	-3125L
SU253259	38 - 90		59	35	0.24kg	-3132J
SU253297	58 - 150	32	97.5	57	0.62kg	-3132L
SU2532139	82 - 210		139	81	1.32kg	-3132P

SEB - Shoulder Eye Bolt



Product Number	Thread (E)	Dimensions (mm)				Load	Weight each	Order Code
		A	B	C	D			IND-425
SEB1017	M10	41	41.5	8	18	150kg	0.063kg	-3210S
SEB1220	M12	50	51	10	22	220kg	0.125kg	-3212S
SEB1525	M16	60	60	12.5	27	450kg	0.216kg	-3216S
SEB2030	M20	72	71	16	30	630kg	0.4kg	-3220S