

UNILOCK COLLETS

FOR BAR LOADERS

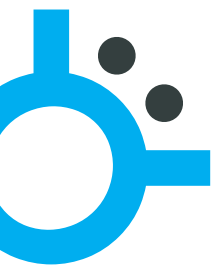


COMPATIBLE WITH EVERY BAR LOADER MODELS

09

UNILOCK
clamping solutions

THE ACCURACY OF MECHANICS,
THE HUMAN TOUCH.



UNILOCK COLLETS FOR BAR LOADERS

Unilock's practical knowledge of additive thermoplastic materials underlies our 30-year experience in the production of **bar feed fingers for single-spindle and multi-spindle lathes.**

AVAILABLE IN STOCK IN ALL SIZES.

RAPID PRODUCTION OF OTHER
STANDARD AND SPECIAL TYPES.

UNILOCK collets
are **COMPATIBLE** with every
bar loader model

ADVANTAGES

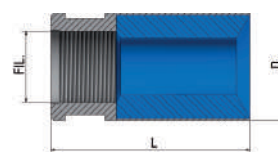
- **HIGH RESISTANCE TO WEAR**
From 5000 to 10.000 bars, depending on the pressure generated.
- **RESISTANCE TO CENTRIFUGAL FORCE**
The collet has a cylindrical body completely free of longitudinal cuts. This guarantees high resistance to centrifugal force (potential 4000 to 7000 RPM), and so protection from wear.
- **RECONDITIONING THE BORE**
After the full wear of the bore, it is possible to regenerate the collet widening the hole with a drill or a tool.
- **REDUCTION OF VIBRATIONS**
Remarkable absorption of vibrations, due to the thermoplastics' characteristics.



UNILOCK COLLETS FOR BAR LOADERS

ITEM CODES

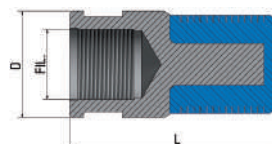



CUCCHI - Hardened body



ITEM N.	D	L	THREAD		
PCCHP14	14	52	M8x1	ø 9	ch 8
PCCHP19	19	60	M10x1 sx	ø 14	ch 12
PCCHP20	20	60	M10x1 sx	ø 15	ch 13
PCCHP22	22	60	M10x1 sx	ø 17	ch 14
PCCHP23	23	60	M14x1 sx	ø 18	ch 15
PCCHP24	24	60	M14x1 sx	ø 19	ch 17
PCCHP27	27	65	M10x1 sx	ø 22	ch 19
PCCHP28	28	65	M18x1.5 sx	ø 23	ch 20
PCCHP29	29	65	M18x1.5 sx	ø 24	ch 21
PCCHP30	30	65	M18x1.5 sx	ø 25	ch 22
PCCHP32	32	65	M18x1.5 sx	ø 27	ch 24
PCCHP34	34	70	M18x1.5 sx	ø 29	ch 25
PCCHP35	35	70	M18x1.5 sx	ø 30	ch 26
PCCHP38	38	70	M25x1.5 sx	ø 33	ch 28
PCCHP40	40	70	M25x1.5 sx	ø 35	ch 30
PCCHP42	42	70	M25x1.5 sx	ø 37	ch 32
PCCHP43	43	70	M25x1.5 sx	ø 38	ch 34
PCCHP43M30	43	70	M30x1.5 sx	ø 38	ch 34
PCCHP45	45	70	M25x1.5 sx	ø 40	ch 35
PCCHP45M30	45	70	M30x1.5 sx	ø 40	ch 35
PCCHP46	46	70	M30x1.5 sx	ø 41	ch 36
PCCHP48	48	70	M30x1.5 sx	ø 43	ch 37
PCCHP50	50	70	M30x1.5 sx	ø 45	ch 39
PCCHP52	52	70	M30x1.5 sx	ø 47	ch 41
PCCHP56	56	80	M30x1.5 sx	ø 51	ch 44
PCCHP60	60	80	M30x1.5 sx	ø 55	ch 48
PCCHP62	62	80	M30x1.5 sx	ø 57	ch 49
PCCHP65	65	80	M30x1.5 sx	ø 60	ch 52
PCCHP68	68	80	M30x1.5 sx	ø 63	ch 55
PCCHP70	70	80	M30x1.5 sx	ø 65	ch 56
PCCHP72	72	80	M30x1.5 sx	ø 67	ch 58
PCCHP80	80	80	M30x1.5 sx	ø 75	ch 65
PCCHP90	90	80	M30x1.5 sx	ø 85	ch 74
PCCHM7,5	7.5	40	M5x0.5	ø 3	ch 3
PCCHM10	10	52	M6x0.75	ø 5	ch 4
PCCHM12	12	52	M7x0.75	ø 7	ch 6
PCCHM15	15	52	M8x1	ø 10	ch 8
PCCHM20	20	60	M10x1	ø 15	ch 13
PCCHM25	25	60	M14x1	ø 20	ch 17
PCCHM30	30	65	M18x1.5	ø 25	ch 22
PCCHM35	35	65	M18x1.5	ø 30	ch 26
PCCHM40	40	70	M25x1.5	ø 35	ch 30
PCCHM42	42	70	M25x1.5	ø 37	ch 32
PCCHM50	50	80	M25x1.5	ø 45	ch 39
PCCHM55	55	80	M30x1.5	ø 50	ch 44
PCCHM60	60	80	M30x1.5	ø 55	ch 48
PCCHM65	65	80	M30x1.5	ø 60	ch 52

CUCCHI - Internal clamping for pipes - through bores



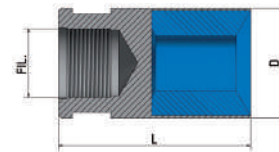
ITEM N.	D	L	THREAD	
PCCHP23PI	23	60	M14x1 sx	ø 13 ÷ ø 19
PCCHP28PI	28	65	M18x1,5 sx	ø 13 ÷ ø 24
PCCHP29PI	29	65	M18x1,5 sx	ø 13 ÷ ø 25
PCCHP30PI	30	65	M18x1,5 sx	ø 13 ÷ ø 26
PCCHP35PI	35	70	M18x1,5 sx	ø 13 ÷ ø 31
PCCHP38PI	38	70	M25x1,5 sx	ø 13 ÷ ø 33
PCCHP40PI	40	70	M25x1,5 sx	ø 13 ÷ ø 36
PCCHP43PI	43	70	M25x1,5 sx	ø 13 ÷ ø 39
PCCHP46PI	46	70	M30x1,5 sx	ø 15 ÷ ø 42
PCCHP48PI	48	70	M30x1,5 sx	ø 15 ÷ ø 44
PCCHP56PI	56	80	M30x1,5 sx	ø 15 ÷ ø 52
PCCHP60PI	60	80	M30x1,5 sx	ø 15 ÷ ø 56
PCCHP65PI	65	80	M30x1,5 sx	ø 15 ÷ ø 61
PCCHP72PI	72	80	M30x1,5 sx	ø 15 ÷ ø 68





UNILOCK COLLETS FOR BAR LOADERS

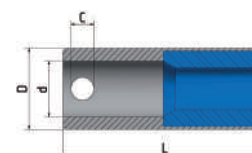
ITEM CODES



IEMCA - Mono-spindle



ITEM N.	D	L	THREAD		
PCIMM 07.5	7.5	40	M5x0.5	ø 5	ch 4
PCIMM10	10	42	M6x0.75	ø 6	ch 5
PCIMM12	12	42	M7x0.75	ø 7	ch 6
PCIMM15	15	42	M8x1	ø 10	ch 8
PCIMM16	16	42	M8x1	ø 11	ch 9
PCIMM18	18	42	M8x1	ø 12	ch 11
PCIMM20	19	60	M10x1	ø 12	ch 11
PCIMM23	23	60	M10x1	ø 15	ch 13
PCIMM25	25	60	M10x1	ø 17	ch 15
PCIMM27	27	60	M10x1	ø 19	ch 17
PCIMM30	30	65	M10x1	ø 22	ch 19
PCIMM32	32	65	M10x1	ø 24	ch 21
PCIMM35	35	65	M17x1	ø 27	ch 24
PCIMM40	40	70	M25x1.5	ø 32	ch 28
PCIMM42	42	70	M25x1.5	ø 34	ch 30
PCIMM45	45	80	M25x1.5	ø 37	ch 32
PCIMM50	50	80	M25x1.5	ø 42	ch 36
PCIMM55	55	80	M25x1.5	ø 47	ch 41
PCIMM60	60	80	M25x1.5	ø 52	ch 45
PCIMM65	65	80	M25x1.5	ø 57	ch 49
PCIMM68	68	80	M25x1.5	ø 60	ch 52
PCIMM70	70	80	M25x1.5	ø 62	ch 54
PCIMM72	72	80	M25x1.5	ø 64	ch 55
PCIMM80	80	100	M25x1.5	ø 72	ch 62

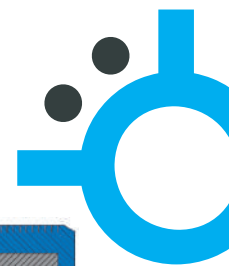
IEMCA / TORNOS - Robobar



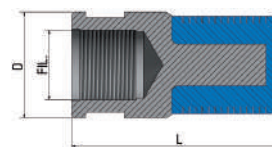
ITEM N.	D	d	L	C		
PCIMFT08	8	M5x0.5	50	-	ø 3	ch 2
PCIMFT12	12	8	50	4	ø 7	ch 6
PCIMFT15	15	11	50	6	ø 10	ch 8
PCIMFT16	16	11	50	6	ø 11	ch 10
PCIMFT18	18	11	50	6	ø 13	ch 11
PCIMFT20	20	14	65	8	ø 15	ch 13
PCIMFT21	21	14	72	8	ø 15	ch 13
PCIMFT23	23	20	72	8	ø 16	ch 14
PCIMFT25	25	20	72	8	ø 17	ch 15
PCIMFT27	27	20	72	8	ø 19	ch 16
PCIMFT29	29	20	72	8	ø 21	ch 18
PCIMFT30	30	20	72	8	ø 22	ch 19
PCIMFT32	32	20	72	8	ø 24	ch 21
PCIMFT36	36	20	72	8	ø 28	ch 24
PCIMFT42	42	20	72	8	ø 34	ch 29
PCIMFT45	45	20	72	8	ø 37	ch 32
PCIMFT49	49	20	72	8	ø 41	ch 35
PCIMFT51	51	20	72	8	ø 43	ch 37
PCIMFT56	56	20	72	8	ø 48	ch 41


UNILOCK COLLETS FOR BAR LOADERS

ITEM CODES

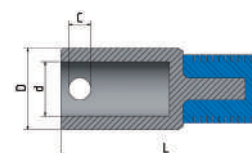



IEMCA - Internal clamping for pipes - through bores



ITEM N.	D	L	THREAD	
PCIMM20PI	19	52	M10x1	$\varnothing 11 \div \varnothing 16$
PCIMM25PI	25	60	M10x1	$\varnothing 13 \div \varnothing 21$
PCIMM30PI	30	60	M10x1	$\varnothing 13 \div \varnothing 26$
PCIMM35PI	35	65	M17x1	$\varnothing 15 \div \varnothing 31$
PCIMM40PI	40	65	M25x1.5	$\varnothing 15 \div \varnothing 36$
PCIMM45PI	45	65	M25x1.5	$\varnothing 15 \div \varnothing 41$
PCIMM50PI	50	65	M25x1.5	$\varnothing 17 \div \varnothing 46$
PCIMM55PI	55	65	M25x1.5	$\varnothing 17 \div \varnothing 50$
PCIMM60PI	60	70	M25x1.5	$\varnothing 20 \div \varnothing 56$
PCIMM65PI	65	70	M25x1.5	$\varnothing 20 \div \varnothing 61$
PCIMM70PI	70	70	M25x1.5	$\varnothing 20 \div \varnothing 66$
PCIMM80PI	80	70	M25x1.5	$\varnothing 20 \div \varnothing 76$

IEMCA - Internal clamping for pipes - through bores



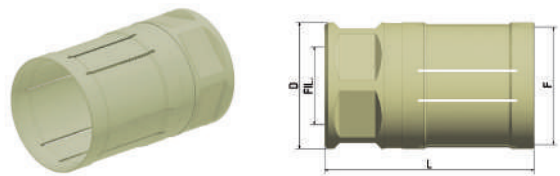
ITEM N.	D	d	L	C	
PCIMFT18PI	18	11	50	6	$\varnothing 11 \div \varnothing 14$
PCIMFT20PI	20	14	65	8	$\varnothing 11 \div \varnothing 16$
PCIMFT25PI	25	20	72	8	$\varnothing 13 \div \varnothing 21$
PCIMFT29PI	29	20	72	8	$\varnothing 13 \div \varnothing 25$
PCIMFT32PI	32	20	72	8	$\varnothing 13 \div \varnothing 28$
PCIMFT36PI	36	20	72	8	$\varnothing 13 \div \varnothing 32$
PCIMFT42PI	42	20	72	8	$\varnothing 13 \div \varnothing 38$
PCIMFT45PI	45	20	72	8	$\varnothing 15 \div \varnothing 41$
PCIMFT51PI	51	20	72	8	$\varnothing 15 \div \varnothing 47$



UNILOCK COLLETS FOR BAR LOADERS

ITEM CODES

CUCCHI - Usatype



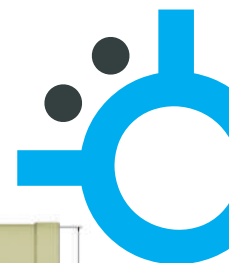
ITEM N.	D	L	THREAD	Ø F
PCCHM15	15	60	M8x1	ø13 ø14
PCCHP19	18.5	60	M10x1 sx	ø 15 ø 16 ø 17
PCCHP22	21.8	60	M10x1 sx	ø19 ø 20 ø 21
PCCHP23	23	60	M14x1 sx	ø 20 ø 21 ø 22
PCCHP24	24	60	M14x1 sx	ø 21 ø 22 ø 23
PCCHP28	28	65	M18x1.5 sx	ø 25 ø 26 ø 27
PCCHP29	29	65	M18x1.5 sx	ø 26 ø 27 ø 28
PCCHP30	30	65	M18x1.5 sx	ø 27 ø 28 ø 29
PCCHP32	32	65	M18x1.5 sx	ø 28 ø 29 ø 30
PCCHP34	34	65	M18x1.5 sx	ø 31 ø 32 ø33
PCCHP35	35	65	M18x1.5 sx	ø 32 ø 33 ø 34
PCCHP38	38	70	M25x1.5 sx	ø 35 ø 36 ø 37
PCCHP40	40	70	M25x1.5 sx	ø 37 ø 38 ø 39
PCCHP42	42	70	M25x1.5 sx	ø 39 ø 40 ø 41
PCCHP43	43	70	M30x1.5 sx	ø 40 ø 41 ø 42
PCCHP46	46	70	M30x1.5 sx	ø 43 ø 44 ø 45
PCCHP48	48	70	M30x1.5 sx	ø 45 ø 46 ø 47
PCCHP50	50	70	M30x1.5 sx	ø 47 ø 48 ø 49
PCCHP52	52	70	M30x1.5 sx	ø 49 ø 50 ø 51
PCCHP56	56	80	M30x1.5 sx	ø 53 ø 54 ø 55
PCCHP60	60	80	M30x1.5 sx	ø 57 ø 58 ø 59
PCCHP65	65	80	M30x1.5 sx	ø 62 ø 63 ø 64
PCCHP68	68	80	M30x1.5 sx	ø 65 ø 66 ø 67
PCCHP72	72	80	M30x1.5 sx	ø 69 ø 70 ø 71
PCCHP80	80	80	M30x1.5 sx	ø 77ø7 8 ø 79

**RAPID PRODUCTION OF OTHER
STANDARD AND SPECIAL TYPES**

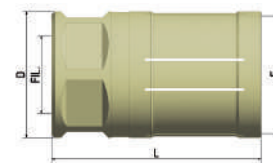


UNILOCK COLLETS FOR BAR LOADERS

ITEM CODES

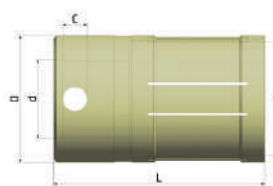


IEMCA - Usatype



ITEM N.	D	L	THREAD	Ø F
PCIMM07.5	7.5	40	M5x0.5	-
PCIMM10	10	40	M6x0.75	-
PCIMM12	12	42	M7x0.75	-
PCIMM15	15	42	M8x1	ø13 ø14
PCIMM18	18	42	M8x1	ø16 ø17
PCIMM20	19	60	M10x1	ø16 ø17 ø18
PCIMM23	23	60	M10x1	ø20 ø21 ø22
PCIMM25	25	60	M10x1	ø22 ø23 ø24
PCIMM30	30	65	M10x1	ø27 ø28 ø29
PCIMM32	32	65	M10x1	ø29 ø30 ø31
PCIMM35	35	65	M17x1	ø32 ø33 ø34
PCIMM40	40	70	M25x1.5	ø37 ø38 ø39
PCIMM42	42	70	M25x1.5	ø39 ø40 ø41
PCIMM45	45	80	M25x1.5	ø42 ø43 ø44
PCIMM50	50	80	M25x1.5	ø47 ø48 ø49
PCIMM55	55	80	M25x1.5	ø52 ø53 ø54
PCIMM60	60	80	M25x1.5	ø57 ø58 ø59
PCIMM65	65	80	M25x1.5	ø62 ø63 ø64
PCIMM70	70	80	M25x1.5	ø67 ø68 ø69
PCIMM80	80	80	M25x1.5	ø77 ø78 ø79

IEMCA - Usatype



ITEM N.	D	d	L	C	Ø F
PCIMFT18	18	11	50	6	ø 16 ø 17
PCIMFT20	20	14	65	8	ø 17 ø 18 ø 19
PCIMFT25	25	20	72	8	ø 22 ø 23 ø 24
PCIMFT29	29	20	72	8	ø 26 ø 27 ø 28
PCIMFT32	32	20	72	8	ø 29 ø 30 ø 31
PCIMFT36	36	20	72	8	ø 33 ø 34 ø 35
PCIMFT42	42	20	72	8	ø 39 ø 40 ø 41
PCIMFT45	45	20	72	8	ø 42 ø 43 ø 44
PCIMFT51	51	20	72	8	ø 48 ø 49 ø 50

clamping solutions

2021 edition



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UNILÖCK
clamping solutions

UNILOCK SAS

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